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Current Economic Analysis S-44

Shellfish Market Review

Washington, D.C.
June 1982

U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
National Marine Fisheries Service

FIG. 1.--RETAIL PRICE INDEX
FOR FISH, MEAT, AND POULTRY

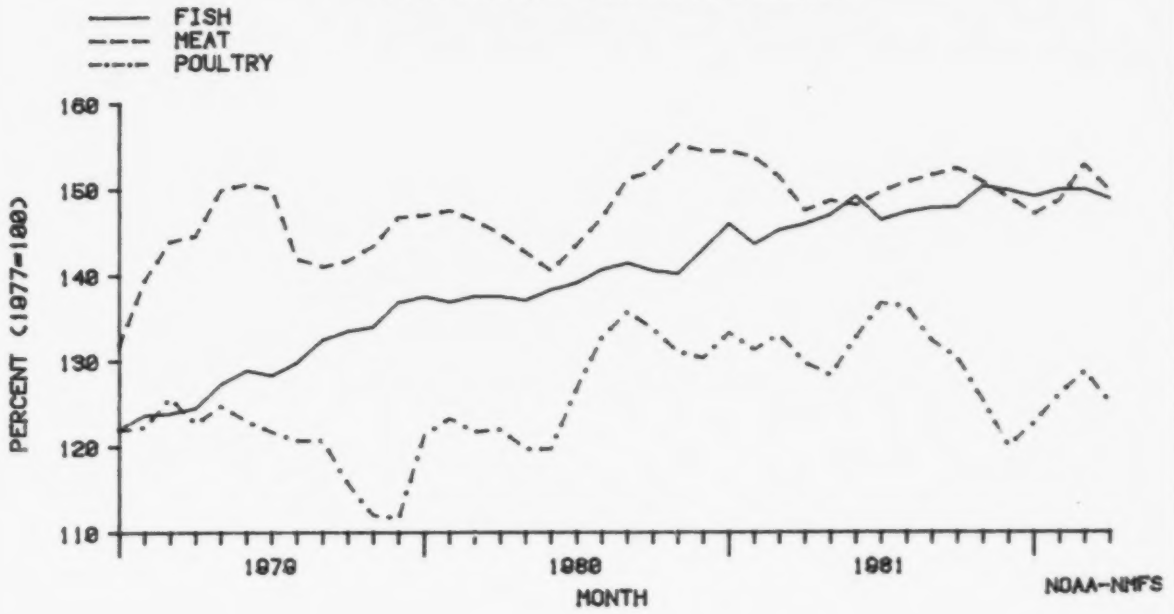
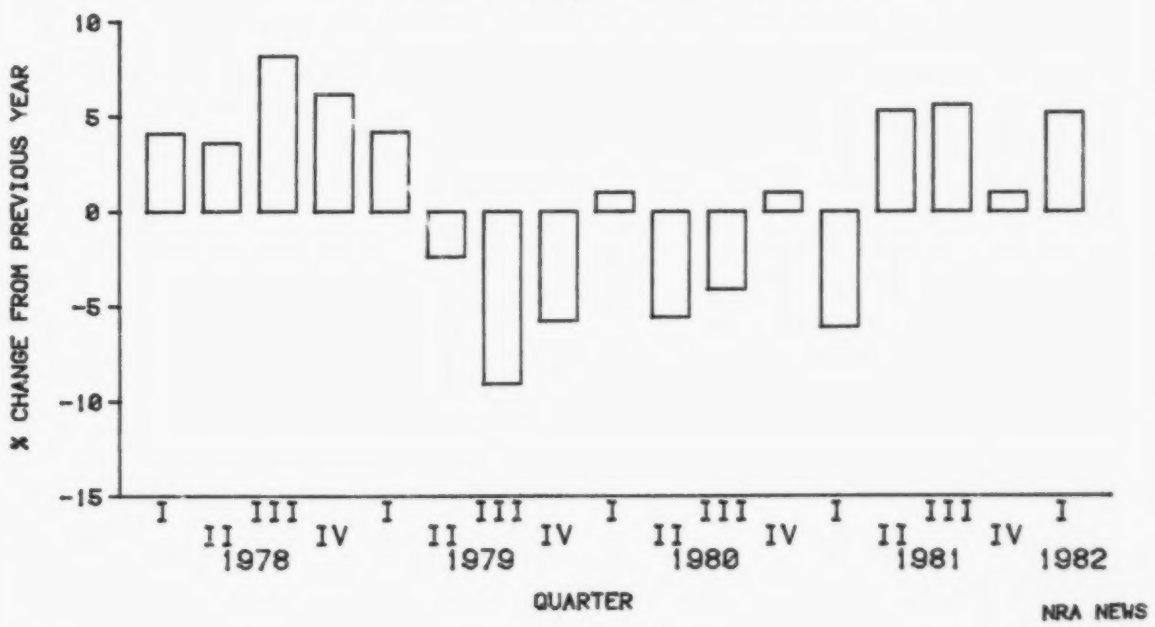


FIG. 2.--CHANGES IN CUSTOMER TRAFFIC COUNT
IN RESTAURANTS, QUARTERLY, 1978-82



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SHELLFISH MARKET REVIEW

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CONTENTS

	Page
Summary	3
Shrimp	4
Scallops	7
American lobster	9
Lobster tails	11
King crab	13
Snow crab	15
Statistical appendix	17

SUMMARY

The year 1981 was highlighted by record landings of shrimp in the Gulf of Mexico, of calico scallops in Florida, of scallops off Oregon, and of American lobster. On the negative side, landings of king crab, South Atlantic shrimp, and Pacific shrimp fell sharply from the previous year. Consumption of American lobster and scallops in 1981 hit record levels, while shrimp and lobster tail consumption increased slightly. Consumption of king and snow crab declined primarily because of lower landings and reduced supplies. Prices also varied in 1981, depending on the level of landings, supplies, and demand. Wholesale prices of shrimp and scallops were lower, while American lobster prices increased slightly. Prices of lobster tails, king crab, and snow crab hit record levels.

Overall, demand for fishery products was not strong and was primarily influenced by the sluggish U.S. economy. Although the economy improved over 1980, the Gross National Product was up only 2 percent (in 1972 dollars) compared to a 0.2-percent decline from 1979 to 1980. The economy vacillated during 1981 with the fourth quarter being the lowest point of the year. Real per capita disposable personal income rose 1.2 percent, and per capita consumer expenditures increased 1.5 percent from a year earlier. Demand for shellfish products was also influenced by prices of substitute products. Aggregate retail fish prices increased 5.7 percent in 1981, while meat and poultry prices increased by lesser percentages, 2 and 3.4 percent, respectively (fig. 1). Another factor affecting seafood sales is restaurant sales, which increased 0.4 percent in 1981 (in real dollars) after declining 1.6 percent in 1980. The increase in real restaurant sales was confirmed by the National Restaurant Association data on changes in customer traffic count (fig. 2). The two are usually highly correlated, however, they may not totally agree for each quarter.

Shrimp: Landings of shrimp in the Gulf of Mexico hit record levels in 1981 and caused total landings to increase 5 percent from 1980. Landings in the South Atlantic and Pacific were off sharply. Supplies were down slightly because of lower inventories in the first half of 1981 but increased when Gulf catches increased. Imports were about the same as in 1980. Demand was not strong in 1981 and was reflected by a 0.7-percent increase in shrimp consumption. Prices strengthened in the first half of the year before dropping sharply in the summer, and firmed in late 1981.

Scallops: The scallop market in 1981 was marked by a dramatic increase in calico scallop landings. This increase was a major factor causing landings, supplies, consumption, and inventories to attain record highs. Scallop prices were strong in the first quarter of 1981 but experienced a sharp downturn and fell back

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below year-earlier levels in the second half. Imports were 25 percent above 1980 levels. Inventories were low for most of the first half, took an upswing in June, and reached record high levels in the last 4 months of 1981. The ending stocks in 1981 were nearly three times those of a year earlier.

American lobster: Record supplies and record high prices made 1981 a banner year for American lobster. Domestic landings and imports continued to be high because resource conditions have improved since 1978. Domestic landings were a record high, although compared to 1980, they were marginally higher. Imports were up 25 percent. Prices for live American lobster reached record highs in February 1981 and then declined steadily when supplies increased. The annual average wholesale price was 3 percent above a year earlier, while the U.S. annual exvessel price was 13 percent above 1980.

Lobster tails: Consumption of lobster tails in 1981 increased slightly over 1980, although total supplies declined. With increased demand and decreased supplies, prices for lobster tails strengthened in 1981. Imports and landings were up slightly, but lower beginning inventories reduced total supplies. Total supplies of lobster tails in the first half of 1981 were running below those of 1980. The supply situation improved in the second half of the year as imports increased. However, demand showed greater strength in the fourth quarter, and prices of lobster tails hit record high levels.

King crab: Landings of king crab in 1981 fell by over one-half from the record 1980 catch. The decline in landings led to record high prices of king crab in the fourth quarter of 1981. Lower landings also caused a 46-percent drop in exports, a 20-percent decline in consumption, and a 53-percent drop in year-end inventories.

Snow crab: Domestic consumption of snow crab fell sharply, even more than the 19-percent decline in supplies. Lower beginning stocks were a factor in the decline in supplies. Landings were off 13 percent--the lowest since 1977--and accounted for more of the decline in supplies. Export sales, however, were off only 5 percent. Wholesale prices of snow crabmeat hit record highs. Prices of sections were about the same as 1980 in New York City, while they were 15 percent higher in Seattle.

Outlook: The economy is forecast to pick up in the second half of 1982 after declining in the first half. The rate of inflation has slowed and is expected to rise less than the 8.9 percent increase in 1981. Fuel prices may have bottomed out and are likely to rise gradually. Prime interest rates have been fairly steady from 15.75 to 16.5 percent in the first 4 months of 1982 and may remain fairly steady or could possibly fall slightly in the latter part of 1982. The major factor in the likelihood of strengthening of demand is the second phase of the Administration's tax cuts, which may result in an improvement in consumer spending. These increases should affect seafood sales. The National Restaurant Association forecast real sales (corrected for inflation) in the food service trade to rise 1.3 percent in 1982. This increase would be the best in four years (off 0.5 percent in 1979, down 1.6 in 1980, and up 0.4 percent in 1981).

Supplies of shrimp, scallops, and American lobster should be adequate in 1982. Shrimp prices have risen sharply in the first 4 months of 1982 and should remain strong in the second half. Prices of American lobster and scallops will be weak in the first half of 1982, but these are likely to strengthen in the second half if supplies are about the same as a year earlier. Meanwhile, supplies of lobster tails, king crab, and snow crab will be light, and consumption of those products is expected to decline. Prices of lobster tails, king crab, and snow crab will remain strong in 1982.

SHRIMP

The U.S. shrimp industry in 1981 experienced another difficult year following a poor year in 1980. There were some encouraging factors like the record shrimp catches in the Gulf of Mexico, although prices of most count sizes were lower. At the same time, catches of shrimp in the South Atlantic and Pacific were off substantially. Fuel prices were about 20 percent above a year earlier, but they declined slightly in the second half of 1981 reflecting the weakness in the economies of many countries that has led to the temporary world glut of oil. Cold storage holdings of shrimp remained below 1980 levels in the first half of 1981, but holdings grew when Gulf catches increased sharply. Imports were virtually the same as in 1980.

Exvessel and wholesale prices dropped sharply in the summer, and firmed in the last 4 months of 1981. Consumption of shrimp was virtually unchanged from a year earlier (table 1). Demand recovered in the first half but slowed in the fourth quarter.

Total U.S. landings of shrimp in 1981 were 219 million pounds (heads-off weight), up 5 percent from a year earlier (table 2). Landings by region showed a marked change from the previous year. Catches in New England and the Gulf of Mexico were up substantially, while the South Atlantic and Pacific fell sharply.

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Table 1.--Supply and use of all shrimp, 1975-79 average, 1980 and 1981

(Heads-off weight)

Component	1975-79 average	1980	1981
	Million pounds		
Beginning stocks	64.4	78.3	62.1
Landings	241.1	207.9	218.9
Imports	255.6	256.0	256.9
Total supply	561.1	542.1	537.9
Ending stocks	64.6	62.1	52.4
Exports			
Fresh & frozen	33.3	18.8	20.8
Canned	13.9	11.8	9.2
Foreign shrimp	8.9	10.5	13.7
Apparent consumption	440.3	438.9	441.8

Table 2.--U.S. landings of shrimp, by region, 1975-79 average, 1980 and 1981

(Heads-off weight)

Region	1975-79 average	1980	1981
	Million pounds		
New England	1.8	0.4	1.3
South Atlantic	15.3	20.8	10.4
Gulf of Mexico	138.5	131.0	168.7
Pacific	85.5	55.7	38.5
Total	241.1	207.9	218.9

Shrimp landings in the Gulf of Mexico States in 1981 hit a record 168.7 million pounds, up 29 percent from a year earlier and 1.4 million pounds above the previous high in 1977. Catches of brown and pink shrimp accounted for most of the increase, while landings of white shrimp were slightly above a year earlier. Landings in all Gulf States were up. Louisiana continued to be the leading producing State in the Gulf followed by Texas.

An important event in 1981 was the implementation of the Fishery Management Plan for the shrimp fishery in the Gulf of Mexico. The major impact of the plan was to restrain all trawl fishing in the Fishery Conservation Zone (FCZ) from 9 miles out to 200 miles off the Texas Coast for a period of 45 to 60 days. The "Texas Closure" in 1981 was from May 22 to July 15 compared to the normal closure from June 1 to July 15. Another measure prohibited trawl fishing in certain areas of the West Coast of Florida between January 1 and May 20 to prevent gear conflicts between shrimp and stone crab fishermen.

Landings in the South Atlantic States fell by one-half to 10.4 million pounds in 1981 and were the lowest since 1963. Catches were off substantially in all states from North Carolina to the East Coast of Florida.

Shrimp catches in the Pacific States totaled 38.5 million pounds in 1981, off 31 percent from 1980, and have trended downward since the record catch in 1977. The decline appears to have been caused more by resource conditions than by fishing pressure. That decline added to the problems the typically multi-species fishermen and processors of Pacific shrimp experienced in 1981. It was a difficult year for them. Resource conditions offer little hope of improvement in the near future, at least in the king crab, snow crab, and shrimp fisheries.

The canned shrimp pack in 1981 totaled 1,839,000 standard cases or 12.4 million pounds, 22 percent below the 1980 pack and 25 percent below the 1975-79 average pack. The Gulf canned pack was 1,070,000 standard cases, down from 1,753,000 cases packed in 1980. The Pacific shrimp pack in 1981 amounted to 769,000 standard cases, up 28 percent from a year earlier but 24 percent below the 1975-79 average. A stronger market for canned shrimp relative to the frozen market may have prompted the increase in the Pacific pack.

Shrimp imports through August 1981 were ahead of a year ago, but they slowed later. For the year, imports totaled 257 million pounds (heads-off), about the same as in 1980 and the 1975-79 average (table 3). Imports of raw headless shrimp were up 2 percent from 1980, primarily because of a one-third increase in shipments from Ecuador. Imports from our leading supplier, Mexico, fell by 14 percent. For raw peeled shrimp, imports declined 1 percent from a year earlier. Although the raw-peeled total declined, shipments from India were resumed (after having been sharply curtailed in 1980) because of a Food and Drug Administration restriction on most imports from India, Taiwan and Hong Kong. Imports of canned shrimp increased 5 percent, and imports of other shrimp

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were down 10 percent from 1980. The most significant occurrence in imports was a quantum jump in imports of breaded shrimp from only 171,000 pounds in 1980 to 2,994,000 pounds in 1981. Most of the breaded shrimp imports originated in Mexico and represented over 95 percent of the total. The 1981 total surpassed the previous record of 1.3 million pounds imported in 1972.

Table 3.--Imports of shrimp by product type, 1979-81

(Product weight)

Product	1979	1980	1981
	Million pounds		
Raw headless	123.4	138.8	141.0
Peeled raw	86.1	66.3	65.5
Canned	4.3	4.2	4.4
Breaded	0.5	0.2	3.0
Other	10.2	9.9	8.9
Total	224.5	219.2	222.8
Total, heads-off	267.1	256.0	256.9

Exports of domestic fresh and frozen shrimp in 1981 were 11 percent above 1980 and 38 percent below the 1975-79 average. The increase in 1981 was caused by the almost doubling of shipments to Mexico, compared to a sharp decline in 1980. Exports to Canada, the leading customer, declined 5 percent from 1980 to 7.6 million pounds.

Exports of canned shrimp in 1981 declined 22 percent from a year earlier primarily because of the lower canned shrimp pack. Canada was the leading buyer with 80 percent of the total, or 3.6 million pounds.

Cold storage holdings of shrimp in the first half of 1981 remained below 1980 levels because of the weak demand and high cost of carrying inventories. However, the sharp increase in Gulf shrimp landings prompted an increase in inventories. The rate of increase in holdings slowed in late 1981 because of more normal catches and reduced imports. Year-end holdings were down 16 percent at 52.4 million pounds.

Although total supplies of shrimp were only 1 percent below 1980 levels, they remained 4 percent below the 1975-79 average. Lower beginning inventories more than offset the increase in landings, while imports were just above a year earlier. Although supplies were lower, consumption of all shrimp was less than 1 percent above the 1980 level and equaled the 1975-79 average. After a dismal first quarter, consumption increased in the second quarter of 1981 and was the same in the third quarter as a year earlier. However, recessionary factors dampened demand and consumption declined sharply in the fourth quarter.

Annual average exvessel and wholesale prices of shrimp in 1981 were generally lower, but prices of larger sizes were higher. Prices for shrimp in the 26- to 50-count range were 3 to 8 percent lower than a year earlier. Prices of 15 and under, and 16- to 20-count shrimp were 15 to 20 percent above a year ago, while 51 and over count shrimp were about the same as in 1980. During July and August, when landings were very heavy, prices dropped sharply to a 3-year low (fig. 3). Prices strengthened in the latter part of 1981 but were still below the highs for the year. Prices continued to trend upward in early 1982.

Exvessel prices increased in the first quarter of 1981 and then dropped sharply. Prices of 31- to 40-count shrimp in the Western Gulf peaked at $3.63 a pound in March, slid to a low of $2.39 in August, and closed the year at $3.22 a pound. Prices rose sharply in the first quarter of 1982 to $4.88 a pound in April 1982, up 35 percent from a year earlier.

Wholesale prices followed the same pattern as exvessel prices but lagged about a month, and the swings were not as severe. Wholesale prices of 31- to 40-count shrimp at New York City reached $3.97 a pound in May, fell to a low of $3.09 in August, increased to $4.00 a pound in December, and hit a record $5.82 in April 1982.

Prices at the retail level were much steadier than at the wholesale level. Prices of 36- to 42-count shrimp at Baltimore, Maryland ranged from a high of $6.59 a pound in June through August to a low of $6.25 in December and averaged $6.44 a pound in 1981, down 4 percent from 1980.

Exvessel and wholesale prices for Pacific shrimp declined in 1981. Exvessel prices in Alaska averaged 27 cents a pound (heads-on weight) in 1981, off 8 percent from the previous year. Prices in all four States averaged 41 cents a pound in 1981, 6 percent below a year earlier. Wholesale prices of tiny shrimp at Seattle went from a peak in February 1981 of about $4.50 a pound to a low of $3.20 in September and firmed slightly to $3.48 in April 1982 (frozen, 5-pound vacuum tins).

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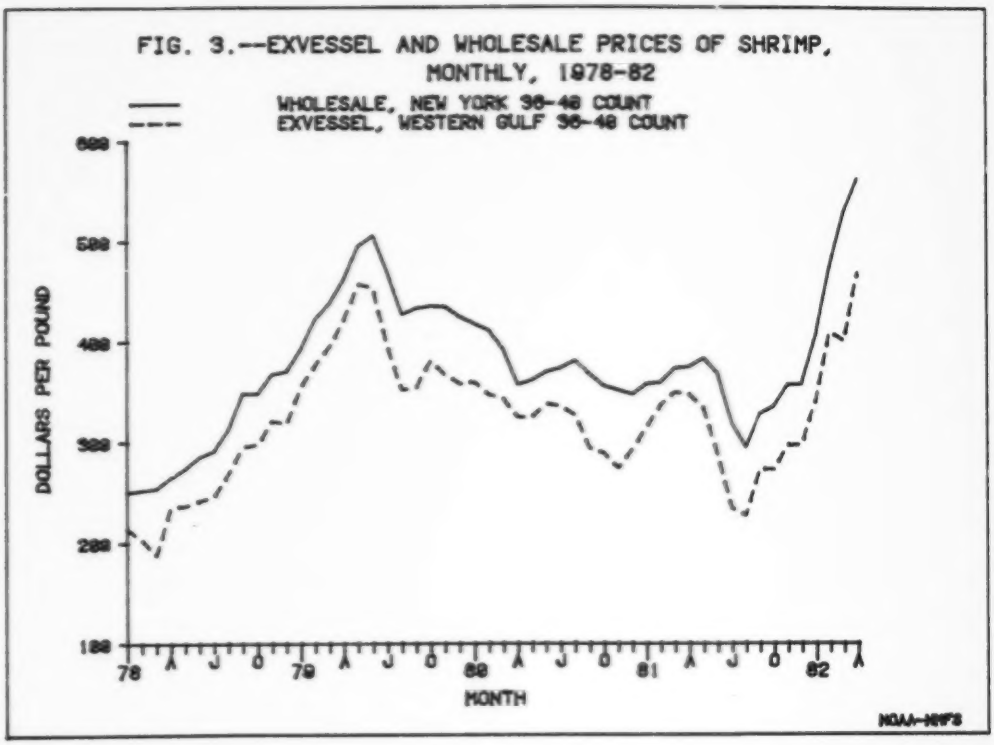

Outlook

The demand for shrimp will depend on the state of the economy, changes in consumer income, and prices of meat and poultry. The demand for shrimp is expected to be moderate in the first half of 1982, but it should improve in the second half. The second phase of President Reagan's tax cuts takes effect then, and this measure will increase consumer incomes. Exactly how much of the increase will be translated into spending as opposed to savings is in question. Also, interest rates will be high, although they will be below record 1981 levels. At the same time, the decline in beef consumption should keep beef prices stable, while poultry prices are expected to be moderate.

Shrimp prices strengthened sharply in the first 4 months of 1982, and should rise more gradually in the second half of 1982. They will probably decline seasonally in the summer, if landings are at near normal levels. The shrimp catch is difficult to predict at this time of year, but the Gulf shrimp catch is unlikely to exceed last year's record. The catch in the South Atlantic should improve after last year's poor catch.

SCALLOPS

Largely because of the dramatic increase in landings of calico scallops from nil in 1980 to 15 million pounds in 1981, records were achieved for total landings, supplies, consumption, and inventories of scallops in 1981. Because of low supplies and some improvement in demand in 1980, prices had moved to record levels in January 1981 but fell back to 1979 levels by March-April 1982. Prior to the beginning of the main harvest season, conditions now suggest lower landings and imports in 1982. Reduced supplies should cause prices to strengthen as the year progresses, unless the expected bumper catch of calico scallops is substantially larger than in 1981 and improving demand falls short of forecast growth.

Domestic landings of sea scallops in 1981 were 30 million pounds, up 5 percent from 1980 (table 4). Landings in the first half of 1981 were slightly lower than a year earlier but increased in the second half of the year because of the discovery of new scallops beds off Coos Bay, Oregon. Landings of 3.4 million pounds in Oregon ports were recorded, while all other major scallops beds were less productive during the year.

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Table 4.--Supply and use of all scallops, 1976-80 average, 1980, and 1981

(Product weight)

Component	1976-80 average	1980	1981
	Million pounds		
Beginning stocks	4.7	5.5	3.1
Landings			
Sea	27.2	28.8	30.3
Bay	1.5	1.0	0.7
Calico	1.0	-	14.6
Total	29.7	29.7	45.6
Imports	25.9	20.9	26.3
Total supply	60.3	56.1	74.9
Ending stocks	4.9	3.1	8.5
Apparent consumption	55.4	52.9	66.4

Landings of calico scallops were a significant part of U.S. supplies in 1981 at 15 million pounds but were nil in 1980. Landings are volatile, the previous high being 2.3 million pounds in 1976. Biological abundance, availability, and the location of commercially harvestable concentrations are difficult to predict. Their lower exvessel price is an indication of smaller size ($0.95 per pound in 1981 versus $3.62 for bay scallops and $3.67 for sea scallops, meat weight, U.S. averages). Shrimp fishermen of the South Atlantic States, facing low shrimp resources, and bay scallop fishermen turned their attention to calico scallops off Florida in 1981.

U.S. imports of scallops were 26 million pounds in 1981. This figure is 26 percent above 1980 but about the same as the 1976-80 average (tables 4 and 5). First-half imports were up 69 percent from low year-earlier levels and 26 percent above the 1976-80 average, reflecting higher prices. However, because of the effect on the U.S. market of the unprecedented supplies of lower-priced calico scallops, imports in the second half of 1981 were down marginally from a year earlier and 15 percent below the 1976-80 average. Imports in 1981 from Canada, the major United States supplier, increased 25 percent mainly because landings in Canada increased 26 percent. Receipts from Iceland, the United Kingdom, Australia, and Japan increased, while shipments from Brazil declined (table 5). Higher imports from countries other than Canada during the 12 months July 1980-June 1981 were in response to higher prices (fig. 4). They amounted to 7.6 million pounds, compared with calendar-year averages of 7.8 million pounds in 1970-74 (when low North American catch prevailed) and 4.6 million pounds in 1976-80 (when high North American catch prevailed).

Table 5.--U.S. imports of scallops by country of origin, 1980 and 1981

(Product weight)

Country	1980	1981	Change
	Thousand pounds		Percent
Canada	15,281	19,106	+ 25
Iceland	1,569	1,982	+ 26
United Kingdom	1,357	1,792	+ 32
Australia	434	1,044	+ 141
Brazil	1,730	957	- 45
Japan	57	645	+1032
Other	459	701	+ 52
Total	20,887	26,277	+ 26

Frozen inventories of scallops were low in early 1981, the consequences of low supplies in 1980. They declined seasonally through May 1981 but took a sharp upswing from June onward, mostly in response to the bumper calico scallop catch. The record ending stocks of 1981 were nearly three times a year earlier at 8.5 million pounds.

Despite some signs of market strength in early 1981, prices descended during the year, apparently for three reasons. First, there may have been weakening of demand in the winter of 1980-81 because of buyer resistance to higher scallop prices and also of a temporary reversal in the recovery of the food service industry from its 1979-80 slump (fig. 2). Second, the recovery of imports from low year-earlier levels in the first half of 1981 added pressure to the descent in prices, which was in excess of normal seasonal price declines. Third, the expected seasonal upturn in prices, which began in the second quarter of 1981, was cut short by the heavy supplies of lower-priced calico scallops.

Declining wholesale prices of domestic sea scallops at Boston averaged $4.43 in the fourth quarter of 1981, which was 17 percent less than in 1980 but 7 percent higher than in 1979. Those Boston prices trended downward from $5.98 a pound in January 1981 to $4.10 in December and to $3.70 in mid-April 1982 (fig. 4). The decline appeared to be easing in early 1982. Retail prices of sea scallops at Baltimore followed the patterns of the Boston wholesale

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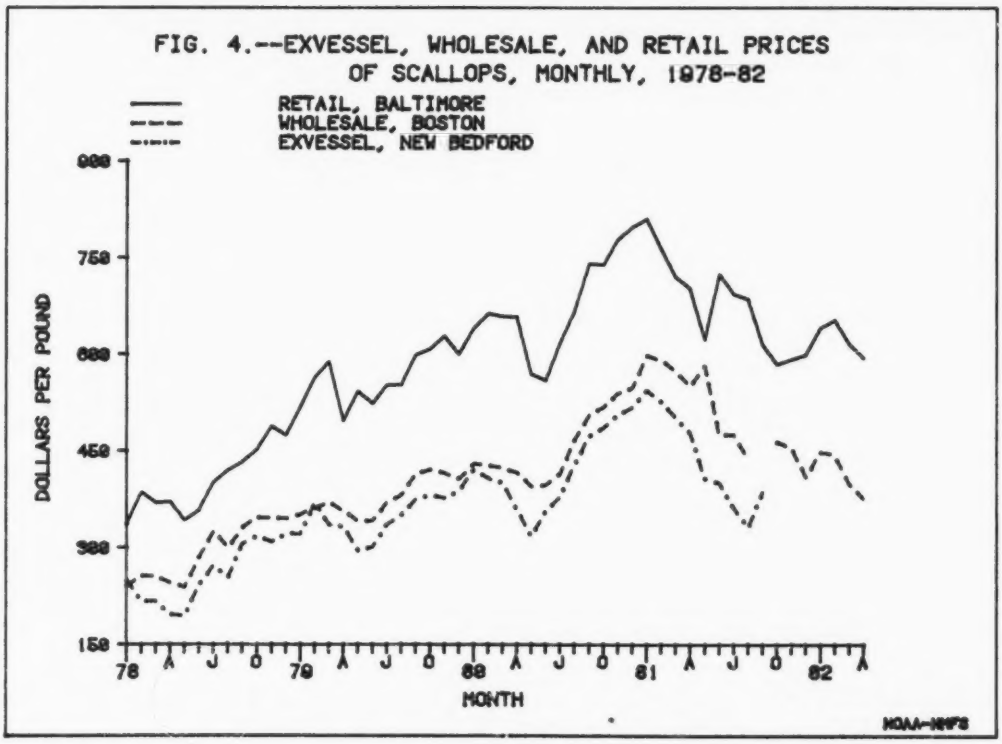

FIG. 4.--EXVESSEL, WHOLESALE, AND RETAIL PRICES OF SCALLOPS, MONTHLY, 1978-82

prices, declining from $8.10 a pound in January 1981 to $5.98 in December and to $5.94 in mid-April 1982.

Outlook

Supplies of scallops could approximate high 1981 levels in 1982. Demand is likely to improve slightly. If supplies are about 75 million pounds in 1982, prices could strengthen but would remain below year-earlier levels.

In contrast to 1981, beginning inventories of scallops were unusually high in 1982. Landings are seasonally low early in the year, and imports were an unusually low 2.6 million pounds in the first quarter of 1982. Perhaps, because of high inventories, wholesale prices of sea scallops at Boston were declining slightly more than might normally be expected in the first quarter. Imports from Canada and the United States landings of sea scallops, the main sources of supply, will depend largely on what appear to be weaker resource conditions in the Atlantic and Oregon fisheries. Whether total supplies of scallops will be lower or higher in 1982 depends largely on actual landings of sea scallops and the size of the expected bumper catch of calico scallops.

AMERICAN LOBSTER

Supplies of live American lobster increased 8 percent in 1981 to 53 million pounds, while supplies of canned and frozen products increased 25 percent. Supplies increased because of improved resource conditions in 1978-81, the best since the early 1960s. The U.S. annual exvessel price, representing the live market, increased 13 percent in 1981 to register its strongest performance since resource conditions improved.

Domestic landings of American lobster were a record 37.5 million pounds in 1981, up from 37 million pounds in 1980 and 14 percent above the 1975-79 average (table 6). The increases occurred because of the delayed effects of favorable sea temperatures in 1967-76, which are anticipated to result in comparable landings through 1983. Landings in Maine in 1979-81 approximated those of the early 1960s. Comparing the early 1960s and 1980s, Maine is still the leading source of supply of live American lobster, but supplies from other states have increased, while imports decreased. Development of the offshore lobster-pot and lobster-trawl fisheries began in the mid-1960s and has increased landings in states other than Maine.

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Table 6.--Supply of American lobster, 1960-64 and 1975-79 averages, 1980 and 1981

(Live weight)

Component	1960-64 average	1975-79 average	1980	1981
	Million pounds			
Landings	30.0	33.0	37.0	37.5
Imports, live	19.8	14.2	12.1	15.3
Total live supply	49.8	47.2	49.1	52.8
Other imports				
Canned	12.5	10.0	9.7	13.5
Other	7.2	4.6	10.4	11.6
Total imports	39.5	28.7	32.2	40.3
Total supply	69.5	61.7	69.2	77.8

Canadian landings also improved in 1978-81 and have been the basis of increased Canadian exports. Exports to the United States increased in importance in 1981, accounting for 72 percent of the total value compared with an average of 69 percent in 1978-80. Market conditions in Europe and increased strength of the Canadian and United States dollars could have affected exports to Europe in 1981.

Total U.S. imports of all American lobster products reached 40.3 million pounds (live weight basis) in 1981, their highest level since 1962 when the record of 42.3 million pounds was set. Among categories, the 39-percent jump for canned meat led the increases. Imports of live lobster increased 26 percent, while imports of "other" (frozen in-shell and meat) products increased 12 percent. The imports of live American lobster accounted for an unusually low 38 percent of the total imports in 1980-81 (on a live weight basis).

Imports of live American lobster have been on a downward trend since the early 1960s, reached a low in 1980, and recovered somewhat to 15.3 million pounds in 1981 (8 percent above the 1975-79 average but 23 percent below the 1960-64 average). About two-thirds of the increase in imports of live lobster in 1981 occurred in the normally peak months of May and June, while the remaining one-third occurred in January and December when shipments are based on the Canadian fall fishery. The Canadian fall fishery appears not to have improved like the summer fishery, landings in November-December 1976-81 being significantly below those of 1960-75. Because of the use of impoundments in the fall fishery to hold live lobster for shipment at a later date, United States imports exceeded Canadian landings in January-March 1981, as they normally do.

Supplies of live American lobster were 52.8 million pounds in 1981, about 8 percent above 1980 and 12 percent above the 1975-79 average. Most of the increase in 1981 was associated with imports, which accounted for 29 percent of total live supplies. Imports have accounted for a declining share of the total, about 41 percent in 1961-62 and 25 percent in 1980. U.S. landings of American lobster are sold predominantly as live lobster to restaurant, home-use, and other buyers, whereas a much larger share of Canadian landings are sold as canned or frozen products.

Supplies of canned and frozen American lobster products consist mostly of imports, which compete as much with a variety of other shellfish products (spiny lobster, crab, shrimp, and other shellfish products) as with live American lobster. The degree of competition will vary according to marketing efforts, supplies, prices, preferences, and other factors relating to each product. Purchases by consumers depend heavily on what items are on restaurant menus, especially in the Northeastern United States. Restaurants may add or delete items and feature or not feature various menu items, depending on a variety of factors.

Prices of live American lobster are volatile and seasonal, as for most fresh food products. Prices typically move from a peak in February-March to a low in May (as imports from Canada reach seasonal highs in May-June), recover somewhat, and move to a second, lesser low in October (as United States landings reach seasonal highs in the fall), referring to wholesale prices of 1-1/4 pound live lobster at New York. The prices of other sizes behave similarly. During 1981, 1-1/4 pound lobster at wholesale fell from a peak in February of $5.30 per pound to a low of $3.20 in May, the 40-percent drop being typical (fig. 5). They averaged $4.03 during 1981, 3 percent above a year earlier. The U.S. annual exvessel price was $2.31 in 1981, 13 percent above a year earlier, while increases were 7 percent in 1980 and 3 percent in 1979 and 1978.

Increased Canadian landings in 1978-81 accounted for more growth in United States imports of processed lobster products than in growth of live lobster imports, and the difference is reflected in prices. Prices of canned meat fell from $6.63 per pound in 1978 to about $6.00 in 1979-80 and rose to $6.78 in 1981 (average value of imports from Canada). Similar price behavior is evident for frozen American lobster meat from Canada at Boston--prices trended downward from $6.75 per pound in May-June 1978 to $4.75 in May 1980 and trended upward to $6.65 in early 1982 (fig. 5).

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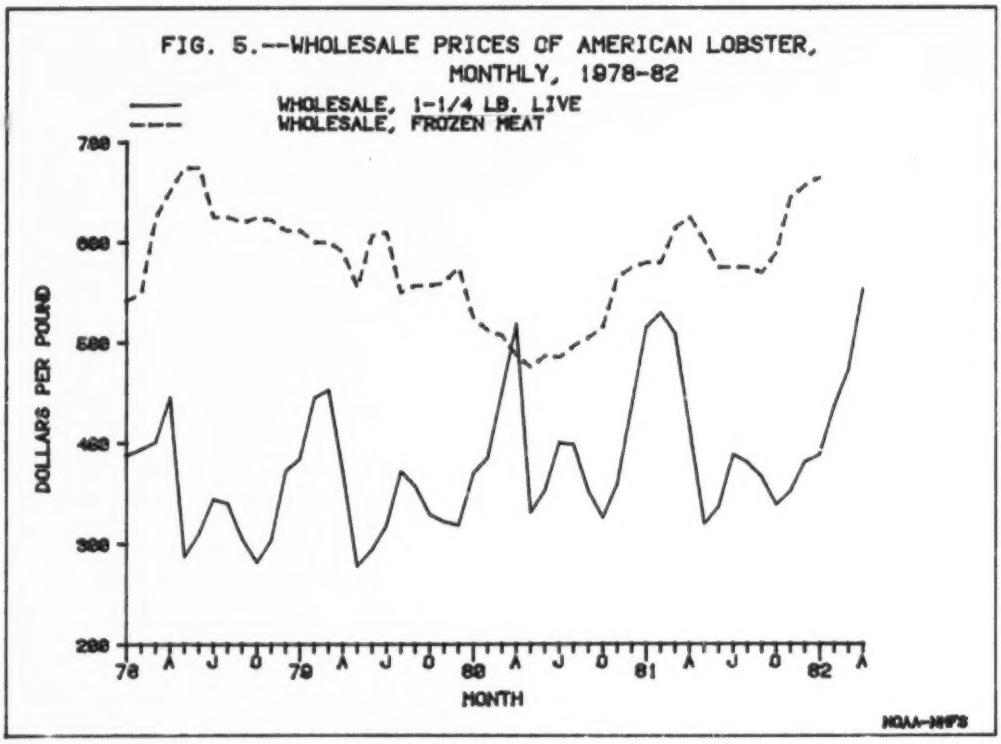

Outlook

Supplies of live and processed American lobster products are expected to continue high through 1983, approximating levels of 1978-81. Economic conditions in the United States and Europe, the major markets for these products, promise only limited strength in demand. Thus, supply and demand conditions do not suggest much room for price improvement. Wholesale prices of 1-1/4 pound lobster dropped back approximately to 1979-80 levels in January-March 1982, and prices in those months are usually the highest for a year. Actual market, resource, and fishing conditions during the main harvest seasons in Canada (May-June) and the United States (August-October) will determine price and flows of product to the European and United States markets.

LOBSTER, AMERICAN

LOBSTER TAILS

Consumption of lobster tails in 1981 was 31 million pounds, up marginally from 1980 (table 7). The beginning inventories were low, down 21 percent from 1980. Imports increased 3 percent, but total supplies declined 2 percent from the previous year. With increased demand and decreased supplies, markets for lobster tails strengthened in 1981 and prices reached record levels.

Total imports of lobster tails in 1981 were 28.1 million pounds, up from 27.4 million pounds in 1980 (table 8). Imports of cold-water tails declined 7 percent from the previous year and 19 percent from 1975-79 average. Imports from Australia, the major United States supplier, were 8.6 million pounds, down 11 percent from 1980 and 7 percent from the 1975-79 average. Apparently, the rise in Japanese demand increased imports from Australia and this increase cut into supplies usually sent to the United States. Receipts from New Zealand remained unchanged. Shipments from South Africa declined 4 percent mainly because of the 15-percent cut in their landing quota for the 1980-81 season.

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Table 7.--Supply and use of lobster tails, 1975-79 average, 1980 and 1981

Component	1975-79 average	1980	1981
	Million pounds		
Beginning stocks	5.3	5.7	4.5
Landings	2.0	2.3	2.2
Imports	32.0	27.4	28.1
Total supply	39.3	35.4	34.8
Ending stocks	5.1	4.5	3.9
Apparent consumption	34.2	30.9	31.0

Imports of warm-water lobster tails in 1981 were up 14 percent from the previous year but down 4 percent from the 1975-79 average. Receipts from Brazil, the major U.S. supplier of warm-water lobster tails, increased 21 percent from 1980 and 4 percent from the 1975-79 average. Shipments from other suppliers were mixed. Shipments from Honduras and Nicaragua declined, while shipments from Asian and other countries increased (table 8).

Table 8.--Imports of lobster tails by country of origin, 1975-79 average, 1980 and 1981

(Product weight)

Country	1975-79 average	1980	1981
	Million pounds		
Cold-water			
Australia	9.2	9.7	8.6
New Zealand	2.5	2.6	2.6
South Africa	5.2	2.6	2.5
Total	17.0	14.8	13.7
Warm-water			
Brazil	5.5	4.7	5.7
Honduras	1.1	1.5	1.0
Nicaragua	2.0	1.6	1.0
Asia	2.4	1.1	1.2
Other	4.0	3.8	5.5
Total	15.0	12.6	14.4
Grand total	32.0	27.4	28.1

Total inventories of lobster tails in 1981 were very tight, reflecting strong demand and lower supplies. The inventories of lobster tails at the beginning of 1981 were 21 percent below those of 1980 and 15 percent below the 1975-79 average. With lower supplies, beginning inventories of lobster tails in January-July were running below those of 1980. As imports increased, inventories in August-October improved and were marginally higher compared with the previous year. The inventories at the end of 1981 declined 13 percent from 1980 as the demand for lobster tails strengthened in the last quarter.

Apparent consumption increased 0.1 million pounds from 1980 to 31.0 million pounds in 1981 but was 3.2 million pounds below the 1975-79 average. Compared with a year earlier, consumption in the first and third quarters remained virtually unchanged but was off 22 percent in the second quarter. Consumption in the fourth quarter of 1981 increased sharply--up 50 percent from 1980--and wholesale prices for lobster tails hit record high levels.

Wholesale prices for lobster tails in 1981 strengthened, as supplies fell and demand improved. The prices in the fourth quarter of 1981 were record highs. The wholesale prices for 6- to 8-ounce Australian lobster tails hit $11.79 a pound, while the wholesale price for 6- to 8-ounce Brazilian lobster tails reached $10.29 a pound (fig. 6). The annual average price for Australian lobster tails was $10.61 a pound--up 15 percent from that of 1980, while the annual average price for Brazilian lobster tails was $9.64 a pound--up 23 percent from 1980.

Outlook

After two consecutive years of low supplies of lobster tails, improvement in the supply situation cannot be expected in 1982. The beginning inventories of lobster tails in 1982 were 3.9 million pounds, down 25 percent from a year earlier and the lowest since 1976. The prospects for increased U.S. imports of lobster tails in 1982 are not bright. A lower catch is expected in Australia. Brazil and South Africa continue to close seasons or cut landing quotas to protect their resources. Demand for lobster tails was strong in the first quarter of 1982. Wholesale prices for both Australian and Brazilian lobster tails were up 16 percent from a year ago. Prices for lobster tails will likely trend upward.

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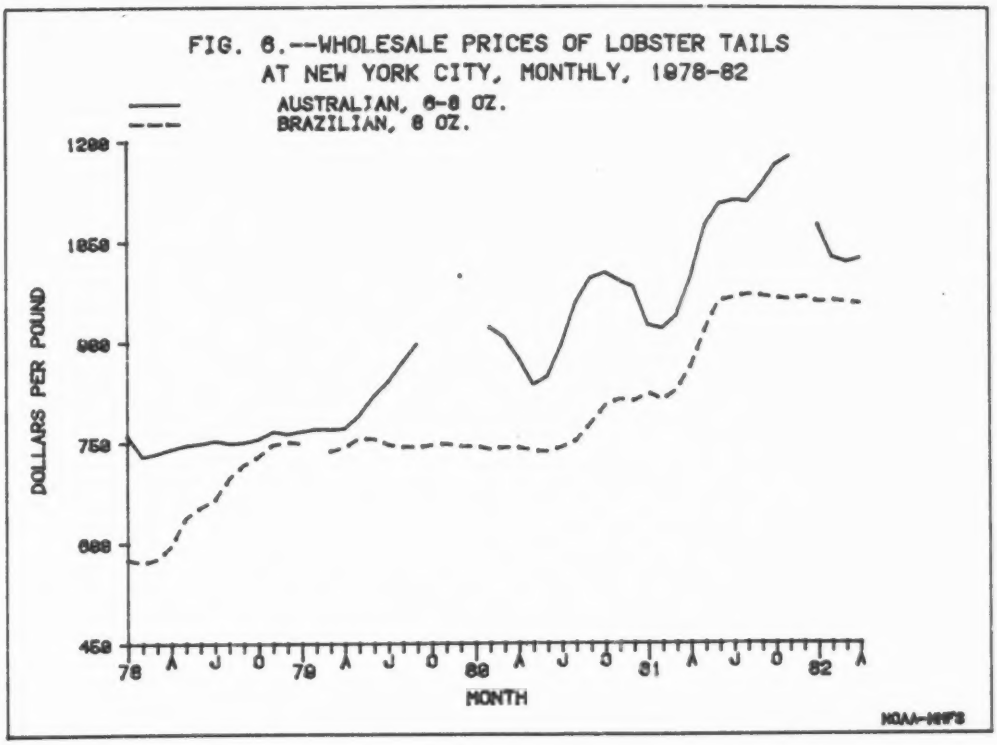

KING CRAB

Landings of king crab in 1981 dropped sharply after a record catch in 1980 (fig. 7). The decline caused a rapid increase in prices to record levels. The buildup in inventories in the fourth quarter was about one-half of that of a year earlier. Lower supplies led to a 46-percent drop in exports of king crab and reduced consumption (table 9). Prices for crabmeat strengthened in the first 9 months of 1981, while prices for sections firmed in the first quarter and remained steady until October. The drop in landings caused prices to increase dramatically in the fourth quarter.

Domestic landings of king crab in 1981 were 88.1 million pounds, down 53 percent from the record high of 185.7 million pounds in 1980 (table 10). Landings in the Bering Sea fishery suffered a 65-percent decline. A year ago, 236 vessels delivered king crab at Dutch Harbor compared to 179 vessels in 1981, and the catch per pot was down 80 percent. Landings in Kodiak were 18 percent above a year earlier, however, 225 vessels delivered in Kodiak versus 170 vessels in 1980.

In 1981, domestic consumption of king crab amounted to 57 million pounds (sections weight), down 20 percent from a year ago (table 9). Supplies were buoyed by the record 1980 harvest, and prices for sections (after strengthening in the first quarter) were steady until the fall. Most of the decline in consumption occurred in the fourth quarter when the 1981 catch was known and prices rose sharply.

The decline in exports of frozen king crab reflected the lower catch, and exports fell to 15.8 million pounds in 1981, down 46 percent from a year earlier. Purchases by Japan, the leading buyer, totaled 11.4 million pounds (72 percent of total exports), down 52 percent from a year ago.

During most of 1981, holdings of king crab were about the same as in the previous year. Only in the last 3 months of 1981 did holdings fall below 1980 when lower catches did not replenish stocks. Holdings of sections peaked at the start of 1981 at 33 million pounds, gradually declined to a low of 6.7 million pounds in September, then increased to 20.5 million pounds at the end of 1981. Year-end holdings were 53 percent below a year ago. Monthly holdings of crabmeat in 1981 were below the previous year for all 12 months. The difference was greater in the last 2 months of 1981, down about 60 percent.

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FIG. 7.--U.S. LANDINGS OF KING AND SNOW CRAB, ANNUAL, 1961-81

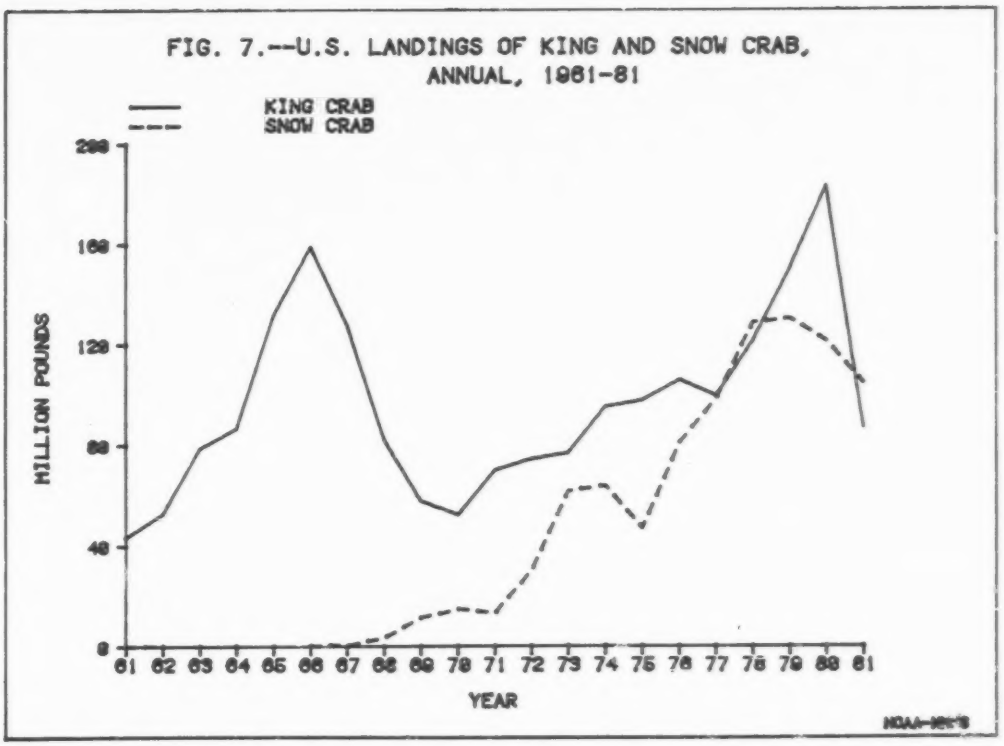

Table 9.--Supply and use of king crab, 1979-81

(Sections weight)

Component	1979	1980	1981
	Million pounds		
Beginning stocks	37.2	40.8	44.4
Landings	85.5	104.4	49.5
Total supply	122.7	145.2	93.9
Exports			
Frozen	36.2	28.9	15.8
Canned	2.2	.9	.3
Total	38.4	29.8	16.2
Ending stocks	40.8	44.4	20.8
Apparent consumption	43.5	71.0	57.0

Note: Meat weight is converted to sections weight using a factor of 2.5, and live weight is converted to sections by a factor of 0.57. Landings exclude deadloss.

Table 10.--Landings of king crab, by area, 1979-81

(Live weight)

Area	1979	1980	1981
	Million pounds		
Bering Sea	118.6	141.0	48.7
Kodiak	15.0	19.8	23.3
Aleutian Islands-			
Unalaska	13.1	16.9	7.0
Other	7.6	8.0	9.1
Total	154.4	185.7	88.1

Wholesale prices for king crabmeat at New York City began to increase from a low of $6.48 a pound in April 1980 to $8.00 in January 1981 (fig. 8). Prices, having risen fairly sharply in the first 4 months of 1981, were relatively steady through September. The wholesale price jumped $2.00 a pound by November to a record $13.78. Prices eased slightly in January-February 1982, but recouped losses and moved

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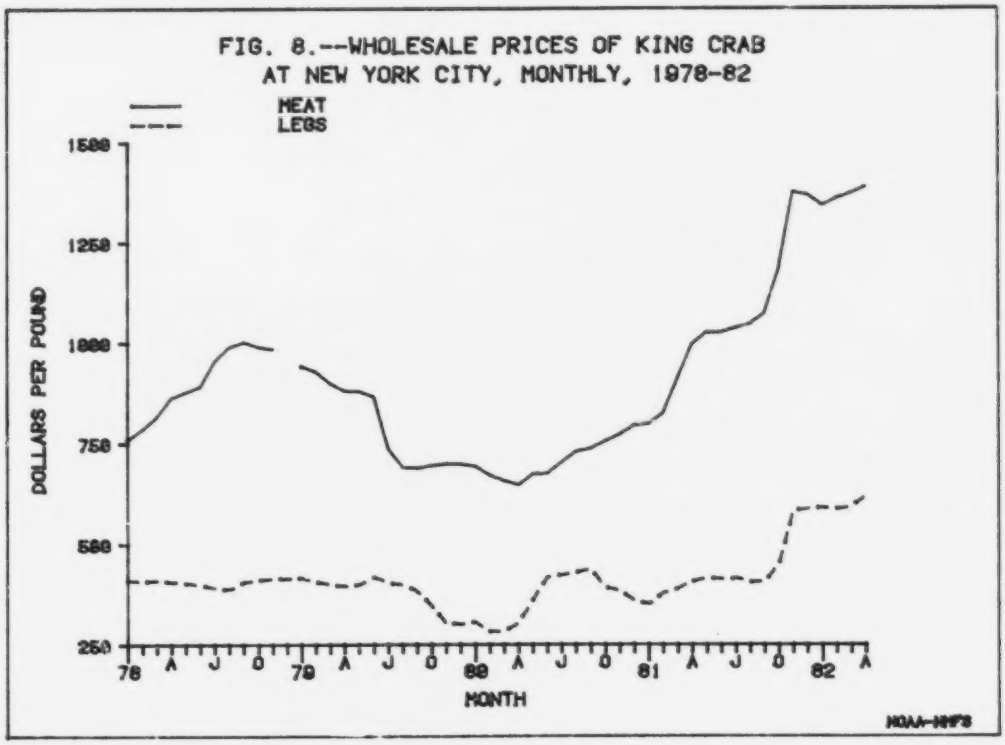

upward to a new record high of $13.91 a pound in April 1982. The 1981 annual average price of $10.57 a pound was 49 percent higher than in the previous year. For sections, the New York wholesale price in 1981 strengthened from $3.50 a pound in January to $4.08 in April and remained at that level through September. From a price of $4.08 a pound in September, the price jumped to $5.90 in December. The price of sections was steady in the first 3 months of 1982 but rose in April to a record $6.19 a pound. In 1981, the annual average price for sections was $4.34 a pound, up from $3.65 a pound in 1980.

Negotiated exvessel prices for king crab in 1981 increased dramatically. Prices in Kodiak were established at $1.35 a pound in September, jumped to $2.00 in October, and closed the year at $2.35 a pound. Bering Sea king crab prices started at $1.27 and ended at $2.05 a pound. Opening prices in 1981 were about 50 percent above 1980 prices and, by the end of the year, prices were about double those of the previous year.

Outlook

The sharp decline in king crab landings has left supplies low and is reflected in record high prices in April 1982. The 1982 harvest is not expected to be any better than in 1981, and supplies will remain light. Exports and domestic consumption will suffer. High prices will continue to hurt sales.

SNOW CRAB

Supplies of snow crab in 1981 were 19 percent lower than in the previous year. Reduced domestic landings and lower beginning stocks contributed to the decline in supplies. Domestic consumption dropped sharply (45 percent), while exports were off slightly (table 11). Wholesale prices of snow crabmeat reached record levels. Prices of sections were fairly stable in New York, while they were higher in Seattle.

Domestic landings of snow crab in 1981 totaled 107.5 million pounds, off 12 percent from 1980 and the lowest harvest in the last 4 years (table 12 and fig. 7). Although the total catch was down, the Bering Sea fishery was up 5 percent. The Bering Sea catch of the larger snow crab, Chionoecetes bairdi, was down from 36.6 million pounds in 1980 to 29.6 million pounds in 1981. Landings of the smaller C.

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opilio increased 11 million pounds to 50.5 million pounds in 1981. The Kodiak catch was down by over one-third to 11.7 million pounds.

Domestic consumption of snow crab declined in 1981 to 17 million pounds, down 45 percent from a year earlier. Meanwhile, the export demand was fairly good with shipments down far less than the drop in supplies. Rising prices of snow crab, lower supplies, a sluggish U.S. economy, and a stronger Japanese economy were the major factors in the decline in consumption.

Table 11.--Supply and use of snow crab, 1979-81

(Sections weight)

Component	1979	1980	1981
	Million pounds		
Beginning stocks	12.1	13.8	8.3
Landings	61.3	57.0	49.2
Imports	2.2	1.9	1.7
Total supply	75.6	72.7	59.2
Exports	43.0	33.7	32.0
Ending stocks	13.8	8.3	10.1
Apparent consumption	18.8	30.7	17.0

Note: Meat weight is converted to sections weight using a factor of 2.5, and live weight is converted to section by a factor of 0.47. Landings exclude deadloss.

Table 12.--Landings of snow crab, by area, 1979-81

(Live weight)

Area	1979	1980	1981
	Million pounds		
Bering Sea	74.7	75.8	80.1
Kodiak	29.2	18.6	11.7
Other	27.5	27.2	15.7
Total	131.4	121.7	107.5

Exports of snow crab totaled 32 million pounds in 1981, down 5 percent from the previous year. Sales to Japan accounted for 98 percent of the total exports. Prices received for snow crab exports ranged from $1.65 to $2.00 a pound in 1981, substantially higher than the $1.40 a pound in 1980 (frozen bulk sections, f.o.b. Alaska).

Holdings of snow crab began the year at 8.3 million pounds (sections weight), increased to a peak of 18.7 million pounds on July 1, and were drawn down to 10.1 million pounds by year's end. Holdings of crabmeat were below year-earlier levels throughout the year. Holdings of sections were under year-earlier levels until July, when they surpassed 1980 levels, and finished the year at 7.2 million pounds (38 percent above a year earlier).

Wholesale prices of crabmeat strengthened and hit record levels in 1981 after a year of fairly stable prices in 1980. Prices in New York City started at $5.24 a pound in January, rose to $6.50 by May, and remained at or near that level for the rest of 1981. Prices retreated in early 1982 to the $5- to $5.25- a-pound range. New York wholesale prices for sections in 1981 were spotty. Prices were only quoted starting in May and ranged from $1.59 to $1.75 a pound compared with $1.57 to $1.91 a pound in 1980. Prices for the 1982 catch opened at $2.75 to $2.85 a pound in April 1982. Prices for sections in Seattle in 1981 were about 15 percent higher than in the previous year, and averaged $2.29 a pound in 1981.

Negotiated exvessel prices for snow crab ranged from 58 to 70 cents a pound in 1981, up from the 45 to 60 cents a pound a year earlier. The price for Bering Sea crab started at 58 cents a pound, but the price was increased to 62 cents a pound. Kodiak fishermen received 65 to 70 cents a pound in 1981.

Outlook

The outlook for snow crab in 1982 is not very promising. Projections for the 1982 harvest are estimated at about one-half of the 1981 harvest of 107.5 million pounds. In addition to the poor forecast for snow crab, the 1981 king crab harvest was 53 percent below the year before, and the 1982 harvest is likely to be worse than the 1981 catch. With the dismal outlook for the snow and king crab harvests, supplies and holdings will be light, and prices should remain high. Domestic consumption and exports of snow crab will suffer another decline. At this time, it is difficult to project the export demand for the reduced supplies because of the high prices.

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STATISTICAL APPENDIX

Note: All per capita consumption data were revised from 1970 through 1980 to reflect the results of the 1980 census.

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Table A1. --Shrimp landings by area, annual 1960-81
(Heads-off weight)

Year	New England	South Atlantic	Gulf	Pacific	Total
			Million pounds		
1960	0.1	18.6	122.5	7.1	148.5
1961	(1)	11.6	79.5	11.9	103.9
1962	.2	16.5	89.3	13.1	119.2
1963	.3	9.8	128.4	12.1	150.7
1964	.5	11.0	113.3	8.3	133.1
1965	1.2	16.7	122.9	11.5	152.2
1966	2.2	13.6	112.8	19.6	148.3
1967	4.0	13.1	141.4	31.0	190.0
1968	8.3	15.6	128.2	32.2	184.1
1969	16.1	17.4	126.5	35.6	195.0
1970	13.4	13.1	145.3	52.9	224.3
1971	14.0	19.6	143.0	61.4	238.1
1972	13.9	15.9	144.0	62.0	235.9
1973	11.8	15.4	114.6	86.8	228.6
1974	10.0	17.0	117.1	81.4	225.5
1975	6.6	15.7	107.0	79.8	209.1
1976	1.3	16.4	132.2	95.7	245.6
1977	.5	11.3	167.3	109.4	288.4
1978	(1)	12.7	156.2	88.0	256.9
1979	.6	20.3	129.9	54.7	205.6
1980	.4	20.8	131.0	55.7	207.9
1981	1.3	10.4	168.7	38.5	218.9

(1) Less than 51,000 pounds.
Note: Figures may not add to total because of rounding.

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TABLE A2. --U.S. IMPORTS OF SHRIMP BY PRODUCT TYPE, MONTHLY, 1980-82
(PRODUCT WEIGHT)

MONTH	RAW HEADLESS	RAW PEELED	CANNED	OTHER (1)	TOTAL	TOTAL HEADS-OFF WEIGHT
	MILLION POUNDS					
1980						
JANUARY	10.0	5.8	0.4	0.7	16.9	20.0
FEBRUARY	9.6	5.4	0.6	0.5	16.0	18.8
MARCH	9.2	5.1	0.6	0.8	15.7	18.9
1ST QTR	28.7	16.3	1.6	2.0	48.6	57.6
APRIL	8.2	4.1	0.5	0.5	13.4	15.7
MAY	9.6	4.6	0.3	0.5	15.0	17.4
JUNE	9.1	5.3	0.2	0.9	15.4	18.2
2ND QTR	26.9	14.0	1.1	1.8	43.8	51.3
JULY	9.9	5.2	0.2	0.8	16.1	18.9
AUGUST	6.7	4.5	0.2	0.9	12.2	14.9
SEPTEMBER	12.4	6.6	0.3	1.2	20.4	24.2
3RD QTR	28.9	16.2	0.7	2.9	48.7	58.0
OCTOBER	19.6	6.6	0.3	0.9	27.3	30.7
NOVEMBER	17.2	7.0	0.2	1.3	25.7	29.6
DECEMBER	17.4	6.2	0.3	1.1	25.1	28.8
4TH QTR	54.2	19.8	0.8	3.3	78.1	89.1
YEAR	139.8	66.3	4.2	10.1	219.3	256.0
1981						
JANUARY	14.3	7.0	0.3	0.9	22.5	26.0
FEBRUARY	6.1	4.6	0.2	0.7	11.6	14.1
MARCH	12.4	6.3	0.3	0.6	19.6	22.6
1ST QTR	32.8	18.0	0.8	2.2	53.7	62.7
APRIL	10.0	5.4	0.3	0.9	16.6	19.6
MAY	11.8	4.8	0.5	1.0	18.0	21.2
JUNE	11.9	5.3	0.3	0.7	18.2	20.9
2ND QTR	33.8	15.4	1.1	2.5	52.8	61.7
JULY	10.2	6.5	0.5	0.9	18.1	21.5
AUGUST	10.7	6.3	0.7	0.9	18.6	21.7
SEPTEMBER	8.5	4.9	0.3	1.1	14.8	17.5
3RD QTR	29.3	17.7	1.5	2.9	51.5	60.7
OCTOBER	11.6	5.5	0.2	2.1	19.4	21.8
NOVEMBER	16.2	5.0	0.5	1.4	23.1	26.0
DECEMBER	17.3	3.9	0.3	0.7	22.2	24.2
4TH QTR	45.1	14.5	1.0	4.2	64.7	71.9
YEAR	141.0	65.5	4.4	11.9	222.8	256.9
1982						
JANUARY	14.6	3.8	0.4	1.0	19.8	21.7
FEBRUARY	7.5	3.5	0.3	1.0	12.3	14.3
MARCH	11.7	4.4	0.4	1.4	17.9	20.7
1ST QTR	33.8	11.7	1.1	3.3	50.0	56.7
APRIL						
MAY						
JUNE						
2ND QTR						
JULY						
AUGUST						
SEPTEMBER						
3RD QTR						
OCTOBER						
NOVEMBER						
DECEMBER						
4TH QTR						
YEAR						

(1) INCLUDES BREADED.

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Table A3.-- U.S. imports of shrimp, by country of origin, 1980 and 1981

(Product weight)

Country	1980		1981	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
North America:				
Mexico	76,062	316,842	70,866	290,309
Panama	13,727	46,205	15,923	55,406
El Salvador	6,233	18,139	6,564	20,841
Honduras	4,637	15,228	6,180	18,506
Guatemala	3,608	12,143	4,546	14,539
Nicaragua	5,624	20,835	3,781	12,521
Costa Rica	2,459	6,092	3,499	8,916
Canada	2,356	5,463	2,434	4,413
Trinidad and Tobago	393	1,131	486	1,487
Greenland	716	1,223	152	463
Turks and Caicos Islands	96	172	166	347
Other	1,224	3,122	157	629
Total	117,135	446,595	114,754	428,377
South America:				
Ecuador	20,195	68,081	24,735	80,303
Brazil	8,768	20,317	10,933	23,459
French Guiana	4,194	14,594	3,512	14,756
Colombia	3,282	13,294	2,759	11,833
Guyana	5,281	16,394	2,418	9,239
Venezuela	3,874	15,993	1,625	6,608
Surinam	935	4,038	1,402	5,919
Peru	1,475	3,999	1,920	5,716
Chile	54	181	21	72
Argentina	16	23	144	422
Total	48,074	156,914	49,469	158,327
Europe:				
European Economic Community:				
United Kingdom	1,651	4,049	992	2,852
France	-	-	306	1,232
Greece (1)	-	-	219	654
Denmark	1	2	97	287
Netherlands	274	600	119	252
Other	355	827	137	163
Total	2,281	5,478	1,870	5,440
Other:				
Norway	1,598	6,288	1,223	4,080
Spain	547	2,277	263	1,828
Iceland	64	288	245	1,343
USSR	-	-	1,125	633
German Democratic Republic	-	-	62	180
Other	127	386	28	116
Total	2,336	9,239	2,946	8,180
Asia:				
India	12,999	20,898	18,998	32,731
China	934	3,437	4,984	17,663
Thailand	8,841	16,586	6,469	14,278
Taiwan	5,427	9,754	5,519	10,940
Pakistan	3,358	5,264	4,526	9,029
Hong Kong	1,975	4,662	2,597	7,919
Bangladesh	930	2,847	1,981	5,893
Burma	616	2,268	918	3,363
Malaysia	2,010	3,433	1,403	2,865
Kuwait	706	2,921	684	2,355
Indonesia	4,579	8,840	778	1,695
Sri Lanka (Ceylon)	1,670	4,520	625	1,447
Other	2,013	4,216	1,886	4,372
Total	46,058	89,646	51,368	114,550
Australia and Oceania	1,530	6,692	1,216	5,684
Africa	1,894	4,699	1,137	3,317
Grand total	219,308	719,263	222,760	723,875

(1) Listed with other European Countries in 1980 and in the European Economic Community in 1981.
Note:--Statistics on imports are the weights of the individual products as exported, i.e., raw, headless, peeled, etc. Source:--U.S. Department of Commerce, Bureau of the Census.

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Table A4.--U.S. imports of shrimp by product type, annual, 1965-81
(Product weight)

Year	Raw headless	Raw peeled	Canned	Other	Total	Total heads-off weight
			Million pounds			
1965	114.2	32.0	2.2	14.6	162.9	179.0
1966	129.9	37.2	1.5	9.8	178.5	194.9
1967	131.9	39.0	2.2	13.0	186.1	202.1
1968	128.0	47.5	4.3	9.7	189.5	210.1
1969	121.3	63.8	3.6	5.1	193.7	220.1
1970	140.0	69.5	3.9	5.4	218.7	247.1
1971	123.9	60.1	2.7	4.5	191.3	215.1
1972	126.8	90.1	1.1	5.2	223.2	254.5
1973	123.3	71.4	3.0	4.9	202.6	230.8
1974	132.0	83.2	6.1	7.7	228.9	267.5
1975	117.2	76.7	1.1	6.4	201.5	231.0
1976	129.7	86.4	2.3	11.3	229.8	270.7
1977	125.8	87.8	2.8	11.6	228.0	270.4
1978	101.3	83.1	2.7	11.1	198.2	239.0
1979	123.4	86.1	4.3	10.7	224.5	267.1
1980	138.7	66.3	4.2	10.1	219.8	256.0
1981	141.0	65.5	4.4	11.9	222.8	256.9

(1) Included with other.
Note: Figures may not add to total because of rounding.

Table A5. --U.S. exports of shrimp by product type, annual, 1965-81
(Product weight)

Year	Domestic			Foreign			Grand total	Total heads-off weight
	Fresh & frozen	Canned	Total	Fresh & frozen	Canned	Total		
				Million pounds				
1965	6.8	4.5	11.3	8.0	(1)	8.0	19.4	25.3
1966	4.9	4.5	9.4	11.3	(1)	11.4	20.8	26.3
1967	8.1	5.3	13.4	15.9	(1)	15.9	29.3	36.1
1968	12.1	4.5	16.6	8.3	(1)	8.3	24.9	31.7
1969	25.2	5.7	30.9	10.5	(1)	10.6	41.5	51.8
1970	29.6	6.1	35.6	14.7	(1)	14.7	50.4	62.2
1971	30.0	8.3	38.3	10.5	(1)	10.5	48.8	62.7
1972	29.0	8.4	37.4	6.1	(1)	6.1	43.5	57.4
1973	37.4	9.9	47.4	10.2	(1)	10.3	57.6	74.6
1974	27.7	6.9	34.6	6.4	(1)	6.4	41.0	53.1
1975	28.1	6.2	34.3	6.6	(1)	6.6	40.9	52.3
1976	23.3	7.8	31.1	9.1	(1)	9.2	40.3	52.5
1977	26.1	9.0	35.1	8.7	(1)	8.7	43.8	57.9
1978	34.8	5.9	40.7	13.3	(1)	13.3	54.0	66.6
1979	28.9	5.5	34.3	5.8	(1)	5.8	40.2	51.1
1980	15.9	5.8	21.7	9.6	.4	9.9	31.7	41.1
1981	17.6	4.5	22.2	13.7	(1)	13.7	35.9	43.7

(1) Less than 51,000 pounds.
Note: For 1965-81, total includes small amounts of cured and dried shrimp products. Figures may not add to total because of rounding.

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TABLE A6. --SUPPLY AND USE OF ALL SHRIMP, MONTHLY, 1980-82
(HEADS-OFF WEIGHT)

MONTH	SUPPLY				USE				
						EXPORTS			
	BEGINNING STOCKS	LANDINGS	IMPORTS	TOTAL	ENDING STOCKS	FRESH AND FROZEN	CANNED	FOREIGN SHRIMP	APPARENT CONSUMPTION
	MILLION POUNDS								
1980									
JANUARY	78.3	6.3	20.0	104.5	75.0	1.6	0.5	0.5	26.9
FEBRUARY	75.0	4.2	18.8	97.9	70.5	1.9	0.3	0.6	24.6
MARCH	70.5	4.1	18.9	93.5	61.7	1.5	0.3	0.9	29.1
1ST QTR	78.3	14.5	57.6	150.4	61.7	4.9	1.1	2.1	80.6
APRIL	61.7	6.5	15.7	83.9	59.2	1.2	0.2	0.8	22.5
MAY	59.2	14.2	17.4	90.8	47.1	1.5	0.5	0.9	40.9
JUNE	47.1	25.7	18.2	91.1	39.8	2.3	2.2	1.0	45.8
2ND QTR	61.7	46.5	51.3	159.5	39.8	5.0	2.9	2.7	109.2
JULY	39.8	30.1	18.9	88.8	44.0	1.5	1.9	0.4	40.8
AUGUST	44.0	31.2	14.9	90.1	45.6	1.1	1.3	0.4	41.8
SEPTEMBER	45.6	26.8	24.2	96.6	49.3	1.6	1.2	0.4	44.1
3RD QTR	39.8	88.1	58.0	185.9	49.3	4.2	4.4	1.2	126.8
OCTOBER	49.3	29.9	30.7	109.8	59.6	1.2	0.9	1.1	47.0
NOVEMBER	59.6	17.0	29.6	106.2	68.1	1.7	1.6	0.9	33.8
DECEMBER	68.1	12.5	28.8	109.4	62.1	1.7	0.9	1.6	43.1
4TH QTR	49.3	59.3	89.1	197.7	62.1	4.6	3.4	3.6	124.0
YEAR	78.3	208.5	256.0	542.8	62.1	18.8	11.8	9.6	440.5
1981									
JANUARY	62.1	5.7	26.0	93.9	64.4	1.6	0.7	1.6	25.6
FEBRUARY	64.4	3.5	14.1	82.0	53.8	1.6	0.8	1.5	24.3
MARCH	53.8	4.8	22.6	81.2	51.3	1.4	0.6	1.1	26.8
1ST QTR	62.1	14.0	62.7	138.9	51.3	4.6	2.0	4.2	76.7
APRIL	51.3	10.8	19.6	81.7	43.3	1.3	0.2	1.1	35.8
MAY	43.3	25.1	21.2	89.6	40.7	1.3	0.8	0.8	45.9
JUNE	40.7	30.0	20.9	91.7	42.7	1.9	0.9	0.9	45.4
2ND QTR	51.3	65.9	61.7	178.9	42.7	4.6	1.8	2.8	127.1
JULY	42.7	28.0	21.5	92.1	46.2	2.2	0.9	0.5	42.3
AUGUST	46.2	34.5	21.7	102.4	48.8	2.4	0.7	0.4	50.2
SEPTEMBER	48.8	22.5	17.5	88.8	51.2	2.2	0.7	0.4	34.3
3RD QTR	42.7	85.0	60.7	188.3	51.2	6.7	2.4	1.3	126.8
OCTOBER	51.2	23.6	21.8	96.6	53.4	2.1	0.7	0.5	39.8
NOVEMBER	53.4	18.0	26.0	97.4	54.3	1.7	1.5	2.0	37.9
DECEMBER	54.3	11.1	24.2	89.6	57.3	1.0	0.8	2.9	27.6
4TH QTR	51.2	52.7	71.9	175.9	57.3	4.8	3.0	5.5	105.2
YEAR	62.1	217.6	256.9	536.7	57.3	20.8	9.2	13.7	435.8
1982									
JANUARY	57.3	5.7	21.7	84.7	50.3	1.2	0.3	1.7	31.2
FEBRUARY	50.3	3.9	14.3	68.5	40.3	1.1	0.5	1.1	25.5
MARCH	40.3	3.6	20.7	64.6	38.6	0.9	0.4	0.9	23.6
1ST QTR	57.3	13.2	56.7	127.2	38.6	3.3	1.2	3.8	80.4
APRIL	38.6								
MAY									
JUNE									
2ND QTR									
JULY									
AUGUST									
SEPTEMBER									
3RD QTR									
OCTOBER									
NOVEMBER									
DECEMBER									
4TH QTR									
YEAR									

NOTE: FIGURES MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING.

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TABLE A7. --SUPPLY AND USE OF FRESH AND FROZEN SHRIMP, MONTHLY, 1980-82
(HEADS-OFF WEIGHT)

MONTH	SUPPLY				USE				
	BEGINNING STOCKS	LANDINGS (1)	IMPORTS	TOTAL	ENDING STOCKS	EXPORTS: FRESH AND FROZEN	EXPORTS: FOREIGN SHRIMP	CANNED PACK (2)	APPARENT CONSUMPTION
	MILLION POUNDS								
1980									
JANUARY	78.3	5.3	19.1	102.6	75.0	1.6	0.5	0.1	25.4
FEBRUARY	75.0	3.2	17.6	95.8	70.5	1.9	0.6	(3)	22.8
MARCH	70.5	3.1	17.6	91.2	61.7	1.5	0.9	-	27.2
1ST QTR	78.3	11.6	54.3	144.2	61.7	4.9	2.1	0.1	75.4
APRIL	61.7	2.6	14.6	78.9	59.2	1.2	0.8	-	17.7
MAY	59.2	9.4	16.7	85.4	47.1	1.5	0.9	2.4	33.4
JUNE	47.1	19.8	17.8	84.8	39.8	2.3	1.0	7.4	34.3
2ND QTR	61.7	31.9	49.1	142.7	39.8	5.0	2.7	9.8	85.4
JULY	39.8	17.9	18.5	76.3	44.0	1.5	0.4	2.4	27.9
AUGUST	44.0	19.9	14.4	78.4	45.6	1.1	0.4	1.4	29.9
SEPTEMBER	45.6	21.2	23.6	90.4	49.3	1.6	0.4	2.2	37.0
3RD QTR	39.8	59.1	56.6	155.4	49.3	4.2	1.2	5.9	94.8
OCTOBER	49.3	23.7	30.1	103.2	59.6	1.2	1.1	3.8	37.4
NOVEMBER	59.6	14.3	29.2	103.0	68.1	1.7	0.9	3.2	29.1
DECEMBER	68.1	11.6	28.1	107.9	62.1	1.7	1.6	1.6	40.8
4TH QTR	49.3	49.6	87.4	186.3	62.1	4.6	3.6	8.6	107.4
YEAR	78.3	152.2	247.4	477.9	62.1	18.8	9.6	24.4	363.0
1981									
JANUARY	62.1	4.5	25.4	92.0	64.4	1.6	1.6	0.2	24.2
FEBRUARY	64.4	2.1	13.6	80.2	53.8	1.6	1.5	-	23.3
MARCH	53.8	3.9	22.0	79.7	51.3	1.4	1.1	-	25.9
1ST QTR	62.1	10.5	61.0	133.6	51.3	4.6	4.2	0.2	73.3
APRIL	51.3	4.8	19.0	75.1	43.3	1.3	1.1	-	29.4
MAY	43.3	19.5	20.2	83.0	40.7	1.3	0.8	3.5	36.6
JUNE	40.7	26.5	20.2	87.5	42.7	1.9	0.9	4.1	38.0
2ND QTR	51.3	50.8	59.4	161.5	42.7	4.6	2.8	7.5	104.0
JULY	42.7	25.1	20.4	88.2	46.2	2.2	0.5	1.3	38.0
AUGUST	46.2	24.9	20.3	91.4	48.8	2.4	0.4	0.5	39.4
SEPTEMBER	48.8	18.1	16.9	83.8	51.2	2.2	0.4	0.2	29.8
3RD QTR	42.7	68.1	57.6	168.4	51.2	6.7	1.3	2.0	107.2
OCTOBER	51.2	20.5	21.3	93.0	53.4	2.1	0.5	1.6	35.4
NOVEMBER	53.4	17.5	25.1	95.9	54.3	1.7	2.0	2.4	35.5
DECEMBER	54.3	10.9	23.6	88.7	57.3	1.0	2.9	1.1	26.4
4TH QTR	51.2	48.8	70.0	170.0	57.3	4.8	5.5	5.1	97.2
YEAR	62.1	178.2	248.1	488.4	57.3	20.9	13.7	14.9	381.7
1982									
JANUARY	57.3	5.1	21.0	83.4	50.3	1.2	1.7	0.2	30.0
FEBRUARY	50.3	3.5	13.7	67.5	40.3	1.1	1.1	-	24.9
MARCH	40.3	3.1	19.9	63.3	38.6	0.9	0.9	-	22.7
1ST QTR	57.3	11.7	54.5	123.5	38.6	3.3	3.8	0.2	77.7
APRIL	38.6							-	
MAY									
JUNE									
2ND QTR									
JULY									
AUGUST									
SEPTEMBER									
3RD QTR									
OCTOBER									
NOVEMBER									
DECEMBER									
4TH QTR									
YEAR									

(1) SOUTH ATLANTIC AND GULF.
(2) GULF STATES ONLY.
(3) LESS THAN 50,000 POUNDS.

NOTE: FIGURES MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING.

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Table A8 .--Supply and use of all shrimp, annual, 1965-81

Year	Supply				Use			
	Beginning stocks	Landings	Imports	Total	Ending stocks	Exports	Apparent consumption	
							Total	Per capita
	Million pounds							Pounds
1965	45.5	152.3	179.0	376.8	38.2	25.3	313.4	1.619
1966	38.2	148.3	194.9	381.4	42.5	26.3	312.5	1.598
1967	42.5	190.0	202.1	434.6	57.6	36.1	340.9	1.726
1968	57.6	184.1	210.1	451.7	55.8	31.7	364.2	1.827
1969	55.8	195.0	220.1	470.9	62.5	51.8	356.6	1.771
1970	62.5	224.3	247.1	534.3	72.2	62.2	399.5	1.958
1971	72.2	238.1	215.1	525.4	69.9	62.7	392.8	1.899
1972	69.9	235.9	254.5	560.2	92.7	57.4	410.1	1.960
1973	92.7	228.6	230.8	552.1	79.0	74.6	398.5	1.886
1974	79.0	225.5	267.5	572.0	76.0	53.1	442.7	2.074
1975	76.2	209.2	231.0	516.3	47.4	52.3	416.6	1.934
1976	47.4	245.6	270.7	563.7	61.1	52.5	450.2	2.069
1977	61.1	288.4	270.4	619.9	80.1	57.9	481.9	2.193
1978	81.1	256.9	239.0	576.0	56.2	66.6	453.2	2.040
1979	56.2	205.6	267.1	528.9	78.3	51.1	399.6	1.779
1980	78.3	207.9	256.0	542.1	62.1	41.1	438.9	1.932
1981	62.1	218.9	256.9	537.9	52.4	43.7	441.8	1.927

Note: Figures may not add to total because of rounding.

Table A9.--Supply and use of fresh and frozen shrimp, annual, 1965-81
(Heads-off weight)

Year	Supply				Use				
	Beginning stocks	Landings	Imports	Total	Ending stocks	Exports	Canned Pack	Apparent consumption	
								Total	Per capita
	Million pounds								Pounds
1965	45.5	152.3	174.4	372.3	38.2	16.1	31.6	286.5	1.480
1966	38.2	148.3	191.8	378.2	42.5	17.2	28.7	289.8	1.482
1967	42.5	190.0	197.6	430.1	57.6	25.5	34.0	313.0	1.585
1968	57.6	184.1	201.4	443.0	55.8	22.6	38.3	326.3	1.636
1969	55.8	195.0	212.9	463.7	62.5	40.3	41.9	319.1	1.584
1970	62.5	224.3	239.3	526.1	72.2	49.8	50.8	353.3	1.732
1971	72.2	238.1	209.5	519.8	69.9	45.9	45.1	358.9	1.735
1972	69.9	235.9	252.3	558.0	92.7	40.3	48.1	376.9	1.801
1973	92.7	228.6	224.7	546.0	79.0	54.4	51.0	361.9	1.711
1974	79.0	225.5	255.1	559.7	76.2	39.1	44.7	399.7	1.874
1975	76.2	209.2	228.7	514.1	47.4	39.7	25.1	401.9	1.865
1976	47.4	245.6	266.0	559.0	61.0	36.6	38.5	422.8	1.944
1977	61.0	288.4	264.7	614.2	80.1	39.7	49.5	444.9	2.024
1978	80.1	256.9	233.5	570.5	56.2	54.4	33.9	425.9	1.918
1979	56.2	205.6	258.5	520.3	78.3	40.0	19.4	382.7	1.704
1980	78.3	207.9	247.4	533.6	62.1	28.3	32.1	411.0	1.809
1981	62.1	218.9	248.1	529.1	52.4	34.5	25.1	417.2	1.819

Note: Figures may not add to total because of rounding.

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TABLE A10.--EXVESSEL, WHOLESALE, AND RETAIL PRICES OF RAW HEADLESS SHRIMP, MONTHLY, 1980-82

MONTH	EXVESSEL (1)			WHOLESALE (2)			RETAIL (3)	
	21-25 COUNT	31-40 COUNT	51-67 COUNT	21-25 COUNT	31-40 COUNT	51-60 COUNT	21-25 COUNT	36-42 COUNT
	DOLLARS PER POUND							
1980								
JANUARY	4.85	3.99	2.54	5.67	4.62	3.29	8.67	7.12
FEBRUARY	4.62	3.81	2.28	5.48	4.51	3.28	8.58	6.96
MARCH	4.47	3.69	2.53	5.13	4.30	3.18	8.58	6.64
APRIL	4.09	3.51	2.39	4.71	3.93	3.03	8.46	6.64
MAY	4.04	3.44	2.30	4.61	3.84	2.93	8.66	6.67
JUNE	4.29	3.53	2.23	4.75	3.79	2.97	8.34	6.69
JULY	4.35	3.53	2.31	4.99	3.81	2.99	8.48	6.69
AUGUST	4.39	3.50	2.50	5.23	3.96	3.13	8.49	6.69
SEPTEMBER	4.08	3.16	2.41	4.80	3.81	3.13	8.49	6.69
OCTOBER	3.67	3.03	2.32	4.47	3.64	3.12	8.29	6.58
NOVEMBER	3.54	2.90	2.22	4.50	3.60	3.10	8.49	6.62
DECEMBER	3.79	3.08	2.19	4.51	3.54	3.13	8.33	6.54
AVERAGE	4.18	3.43	2.35	4.90	3.95	3.10	8.49	6.71
1981								
JANUARY	4.18	3.31	2.31	4.86	3.66	3.20	8.34	6.39
FEBRUARY	4.59	3.53	2.63	5.19	3.69	3.28	8.41	6.39
MARCH	4.85	3.63	2.51	5.48	3.81	3.41	8.30	6.34
APRIL	4.98	3.62	2.93	5.79	3.94	3.35	7.79	6.36
MAY	5.06	3.47	2.77	5.88	3.97	3.46	7.79	6.49
JUNE	4.99	3.07	2.31	5.84	3.81	3.18	7.83	6.59
JULY	4.46	2.50	2.09	5.34	3.35	2.74	7.78	6.59
AUGUST	3.32	2.39	1.97	4.01	3.09	2.60	7.74	6.59
SEPTEMBER	3.90	2.90	2.22	4.50	3.47	2.79	7.52	6.38
OCTOBER	3.92	2.95	2.26	4.71	3.58	2.88	7.63	6.53
NOVEMBER	4.42	3.21	2.31	5.27	3.86	3.04	7.99	6.34
DECEMBER	4.39	3.25	2.34	5.24	4.00	3.07	8.47	6.25
AVERAGE	4.42	3.15	2.39	5.18	3.68	3.08	7.97	6.44
1982								
JANUARY	4.75	3.71	2.42	5.56	4.34	3.36	7.71	6.44
FEBRUARY	5.38	4.46	2.86	6.10	5.02	3.78	7.89	6.53
MARCH	5.42	4.35	3.06	6.32	5.54	4.11	8.18	7.04
APRIL	5.70	5.02	3.29	6.35	5.81	4.42	8.49	7.24
MAY								
JUNE								
JULY								
AUGUST								
SEPTEMBER								
OCTOBER								
NOVEMBER								
DECEMBER								
AVERAGE								

(1) ALL SPECIES, WESTERN GULF.
(2) AT NEW YORK, N.Y.
(3) AT BALTIMORE, MD.

NOTE: EXVESSEL PRICES FOR 1981 AND 1982 ARE PRELIMINARY.

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Table A11.--Scallop landings in the United States and Canada, annual, 1960-81
(Product weight)

Year	United States				Canada	Grand total
	Sea	Bay	Calico	Total		
	Thousand pounds					
1960	26,599	2,031	112	28,742	7,716	36,458
1961	27,461	1,708	26	29,195	10,516	39,711
1962	24,634	3,159	17	27,810	13,481	41,291
1963	19,939	1,517	(1)	21,456	16,217	37,673
1964	16,914	1,887	-	18,801	16,682	35,483
1965	20,070	1,859	872	22,801	19,704	42,505
1966	15,975	1,780	1,857	19,612	18,249	37,861
1967	10,243	1,097	1,410	12,750	13,321	26,071
1968	13,818	1,491	89	15,398	15,649	31,047
1969	9,312	2,114	199	11,625	13,813	25,438
1970	7,304	1,700	1,833	10,837	12,982	23,819
1971	6,337	2,315	1,574	10,226	11,170	21,396
1972	7,017	2,032	1,352	10,401	12,049	22,450
1973	6,400	1,014	558	7,972	11,154	19,126
1974	6,444	1,499	1,131	9,074	14,043	23,117
1975	10,063	1,648	1,992	13,703	17,703	31,406
1976	19,853	1,590	2,268	23,711	25,741	49,452
1977	25,012	1,703	1,111	27,826	28,952	56,778
1978	30,976	1,371	948	33,295	29,059	62,354
1979	31,466	1,774	863	34,103	23,768	57,871
1980	28,752	968	-	29,720	18,165	47,885
1981	30,277	670	14,641	45,588	22,935	68,523

(1) Less than 500 pounds.
Note: Figures may not add to total because of rounding.

BEST DOCUMENT AVAILABLE

TABLE A12.--SUPPLY AND USE OF SCALLOPS, MONTHLY, 1980-82
(PRODUCT WEIGHT)

MONTH	SUPPLY				USE	
	BEGINNING STOCKS	LANDINGS (1)	IMPORTS	TOTAL	ENDING STOCKS	APPARENT CONSUMPTION
	MILLION POUNDS					
1980						
JANUARY	5.5	1.1	1.2	7.8	4.4	3.4
FEBRUARY	4.4	1.6	1.0	7.0	4.5	2.5
MARCH	4.5	1.7	1.0	7.1	3.8	3.3
1ST QTR	5.5	4.4	3.2	13.1	3.8	9.3
APRIL	3.8	3.0	1.6	8.5	3.2	5.3
MAY	3.2	3.7	1.6	8.5	3.2	5.3
JUNE	3.2	3.5	1.8	8.4	3.3	5.1
2ND QTR	3.8	10.3	5.0	19.0	3.3	15.8
JULY	3.3	3.3	2.9	9.5	3.6	5.9
AUGUST	3.6	2.5	2.5	8.6	3.2	5.4
SEPTEMBER	3.2	2.5	1.8	7.6	3.5	4.1
3RD QTR	3.3	8.4	7.3	18.9	3.5	15.4
OCTOBER	3.5	1.7	2.0	7.2	3.8	3.3
NOVEMBER	3.8	1.4	2.4	7.6	3.5	4.1
DECEMBER	3.5	1.2	1.1	5.8	3.1	2.6
4TH QTR	3.5	4.3	5.5	13.3	3.1	10.1
YEAR	5.5	27.3	20.9	53.7	3.1	50.5
1981						
JANUARY	3.1	0.9	1.9	6.0	3.0	3.0
FEBRUARY	3.0	1.4	2.3	6.6	2.8	3.7
MARCH	2.8	1.7	1.7	6.3	3.0	3.2
1ST QTR	3.1	4.0	5.9	13.0	3.0	10.0
APRIL	3.0	2.2	1.4	6.6	3.0	3.6
MAY	3.0	3.4	2.7	9.1	3.4	5.7
JUNE	3.4	4.0	3.8	11.2	5.3	6.0
2ND QTR	3.0	9.6	7.9	20.6	5.3	15.3
JULY	5.3	4.0	2.2	11.4	6.1	5.4
AUGUST	6.1	2.6	1.5	10.1	7.6	2.5
SEPTEMBER	7.6	2.1	3.3	13.1	8.5	4.6
3RD QTR	5.3	8.7	7.1	21.0	8.5	12.5
OCTOBER	8.5		2.4		8.6	
NOVEMBER	8.6		1.6		9.1	
DECEMBER	9.1		1.3		8.5	
4TH QTR	8.5		5.3		8.5	
YEAR	3.1		26.2		8.5	
1982						
JANUARY	8.5		0.6		7.8	
FEBRUARY	7.8		0.6		7.0	
MARCH	7.0		1.3		6.9	
1ST QTR	8.5		2.6		6.9	
APRIL	6.9					
MAY						
JUNE						
2ND QTR						
JULY						
AUGUST						
SEPTEMBER						
3RD QTR						
OCTOBER						
NOVEMBER						
DECEMBER						
4TH QTR						
YEAR						

(1) LANDINGS OF SEA SCALLOPS ONLY (IN MAINE, MASSACHUSETTS, RHODE ISLAND, NEW YORK, NEW JERSEY, VIRGINIA, AND ALASKA).

NOTE: FIGURES MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING.

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Table A13.-- Supply and use of all scallops, annual, 1965-81
(Product weight)

Year	Supply				Use		
	Beginning stocks	Landings	Imports	Total	Ending stocks	Apparent consumption	
						Total	Per capita
	Million pounds						Pounds
1965	3.1	22.8	16.5	42.4	5.9	36.5	.189
1966	5.9	19.6	16.7	42.2	3.4	38.8	.198
1967	3.4	12.8	13.5	29.7	1.2	28.5	.144
1968	1.2	15.4	14.6	31.2	3.1	28.1	.141
1969	3.1	11.6	14.3	29.0	2.2	26.8	.133
1970	2.2	10.8	16.8	29.8	2.4	27.4	.134
1971	2.4	10.2	17.4	30.0	1.6	28.4	.137
1972	1.6	10.4	20.8	32.8	3.7	29.1	.139
1973	3.7	8.0	19.8	31.5	4.5	27.0	.128
1974	4.5	9.1	18.1	31.7	2.6	29.1	.136
1975	2.6	13.7	19.7	36.0	2.0	34.0	.158
1976	2.0	23.7	25.2	51.0	4.9	46.1	.212
1977	4.9	27.8	29.8	62.5	5.9	56.6	.258
1978	5.9	33.3	28.4	67.6	5.1	62.4	.281
1979	5.1	34.1	25.2	64.4	5.5	58.9	.262
1980	5.5	29.7	20.9	56.1	3.1	52.9	.233
1981	3.1	45.6	26.2	75.0	8.5	66.5	.290

TABLE A14.--EXVESSEL, WHOLESALE, AND RETAIL PRICES FOR SEA SCALLOPS, MONTHLY, 1978-82

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	AVERAGE
	DOLLARS PER POUND												
EXVESSEL (1)													
1978	2.48	2.16	2.16	1.96	1.94	2.42	2.72	2.53	3.06	3.19	3.09	3.21	2.53
1979	3.22	3.70	3.35	3.32	2.95	3.01	3.36	3.52	3.75	3.81	3.77	3.99	3.42
1980	4.20	4.07	4.01	3.59	3.17	3.57	3.80	4.29	4.73	4.86	5.06	5.19	4.04
1981	5.44	5.26	5.01	4.78	4.08	4.01	3.62	3.32	3.87				
1982													
WHOLESALE (2)													
1978	2.40	2.56	2.55	2.45	2.38	2.84	3.25	2.99	3.31	3.47	3.47	3.44	2.93
1979	3.52	3.62	3.70	3.56	3.41	3.42	3.70	3.82	4.14	4.21	4.16	4.06	3.78
1980	4.30	4.27	4.23	4.16	3.95	3.97	4.15	4.67	5.06	5.19	5.39	5.48	4.57
1981	5.98	5.90	5.73	5.50	5.82	4.75	4.75	4.38	-	4.64	4.55	4.10	5.10
1982	4.49	4.44	3.99	3.77									
RETAIL (3)													
1978	3.37	3.85	3.69	3.70	3.42	3.57	4.01	4.20	4.33	4.53	4.88	4.74	4.02
1979	5.18	5.64	5.89	4.96	5.42	5.23	5.53	5.53	5.99	6.09	6.29	6.00	5.65
1980	6.41	6.63	6.59	6.58	5.69	5.59	6.17	6.65	7.41	7.39	7.79	7.99	6.74
1981	8.10	7.64	7.20	7.02	6.24	7.24	6.93	6.85	6.15	5.85	5.93	5.99	6.76
1982	6.42	6.54	6.16	5.94									

(1) WEIGHTED AVERAGE AT NEW BEDFORD, MASS.
(2) AT BOSTON, MASS.
(3) AT BALTIMORE, MD.

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Table A15.--Landings of American lobster in the United States and Canada, annual, 1965-81

(Live weight)

Year	United States			Canada	Grand total
	Maine	Other	Total		
	Million pounds				
1965	18.9	11.4	30.2	40.5	70.7
1966	19.9	9.6	29.5	37.4	66.9
1967	16.5	10.3	26.7	35.1	61.8
1968	20.5	12.1	32.6	37.3	69.9
1969	19.8	14.0	33.8	40.1	73.9
1970	18.2	16.0	34.2	36.6	70.8
197'	17.6	16.1	33.7	38.2	71.9
1972	16.3	16.0	32.2	33.2	65.4
1973	17.0	12.0	29.0	35.6	64.6
1974	16.5	11.8	28.3	31.4	59.7
1975	17.0	12.0	29.0	38.6	67.6
1976	19.0	12.7	31.7	35.4	67.1
1977	18.5	13.2	31.7	33.7	65.4
1978	19.1	15.3	34.4	42.4	76.8
1979	22.1	15.1	37.2	47.4	84.6
1980	22.0	15.0	37.0	44.3	81.3
1981	22.3	15.2	37.5	44.6	82.1

Note: Figures may not add to total because of rounding.

Table A16.--Supply of American lobsters, annual, 1965-81

(Live weight)

Year	Landings	Imports				Grand total
		Live	In airtight containers	Other	Total	
	Million pounds					
1965	30.2	17.7	13.2	4.1	35.0	65.2
1966	29.5	16.4	13.3	3.0	32.7	62.2
1967	26.7	15.0	12.5	2.4	29.7	56.4
1968	32.6	15.8	11.4	4.1	31.3	63.9
1969	33.8	16.7	11.5	3.5	31.6	65.4
1970	34.2	16.5	11.0	2.6	30.2	64.3
1971	33.7	16.1	10.6	7.8	34.5	68.2
1972	32.2	15.5	10.1	3.3	28.8	61.1
1973	29.0	15.5	7.7	2.6	25.8	54.8
1974	28.5	14.2	7.4	3.3	25.0	53.5
1975	30.2	15.0	9.2	3.3	27.6	57.8
1976	31.5	14.9	10.0	4.3	29.1	60.6
1977	31.7	14.4	11.8	2.5	28.8	60.5
1978	34.4	12.2	10.6	4.3	27.1	61.5
1979	37.2	14.4	8.3	8.4	31.1	68.3
1980	37.0	12.1	9.7	10.4	32.2	69.2
1981	37.5	15.3	13.5	11.6	40.3	77.8

Note: Figures may not add to total because of rounding.

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TABLE A17.--SUPPLY OF AMERICAN LOBSTER, MONTHLY, 1980-82
(LIVE WEIGHT)

MONTH	TOTAL LANDINGS	IMPORTS				GRAND TOTAL
		LIVE	IN AIRTIGHT CONTAINERS	OTHER	TOTAL	
	THOUSAND POUNDS					
1980						
JANUARY	575	630	439	308	1,377	1,952
FEBRUARY	221	863	464	376	1,703	1,924
MARCH	186	743	757	275	1,774	1,960
1ST QTR	982	2,235	1,660	959	4,855	5,837
APRIL	615	1,127	1,069	271	2,467	3,082
MAY	1,424	2,456	954	369	3,779	5,203
JUNE	1,451	2,582	926	734	4,242	5,693
2ND QTR	3,490	6,165	2,949	1,374	10,488	13,979
JULY	3,921	2,551	1,121	2,674	6,345	10,266
AUGUST	5,237	625	924	638	2,187	7,424
SEPTEMBER	4,884	115	746	1,160	2,021	6,905
3RD QTR	14,042	3,290	2,792	4,472	10,554	24,596
OCTOBER	4,299	101	1,142	2,279	3,522	7,821
NOVEMBER	2,843	245	994	1,350	2,588	5,431
DECEMBER	1,390	17	162	16	195	1,585
4TH QTR	8,532	363	2,298	3,645	6,306	14,838
YEAR	27,046	12,053	9,699	10,450	32,202	59,248
1981						
JANUARY	471	1,423	1,053	2,105	4,581	5,052
FEBRUARY	273	770	927	787	2,484	2,757
MARCH	407	646	238	193	1,077	1,484
1ST QTR	1,151	2,839	2,218	3,085	8,142	9,293
APRIL	648	874	319	111	1,303	1,951
MAY	1,527	3,523	2,032	765	6,320	7,847
JUNE	1,649	3,771	2,372	1,840	7,982	9,631
2ND QTR	3,824	8,168	4,722	2,715	15,606	19,430
JULY	4,033	1,349	1,547	1,444	4,340	8,373
AUGUST	4,819	678	847	1,225	2,750	7,569
SEPTEMBER	4,374	390	1,260	927	2,578	6,952
3RD QTR	13,226	2,417	3,654	3,597	9,668	22,894
OCTOBER		189	1,616	1,440	3,246	
NOVEMBER		136	913	306	1,354	
DECEMBER		1,546	337	418	2,301	
4TH QTR		1,872	2,865	2,164	6,901	
YEAR		15,296	13,459	11,561	40,316	
1982						
JANUARY		1,057	106	107	1,270	
FEBRUARY		616	405	423	1,443	
MARCH		659	200	392	1,251	
1ST QTR		2,332	711	921	3,964	
APRIL						
MAY						
JUNE						
2ND QTR						
JULY						
AUGUST						
SEPTEMBER						
3RD QTR						
OCTOBER						
NOVEMBER						
DECEMBER						
4TH QTR						
YEAR						

NOTE: FIGURES MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING.

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TABLE A18.--EXVESSEL AND WHOLESALE PRICES FOR AMERICAN LOBSTERS, MONTHLY, 1980-82

MONTH	EXVESSEL PRICE (1)	WHOLESALE PRICES (2)				
		CHIX	1-1/8 LB.	1-1/4 LB.	1-1/2 LB.	2 LB.
	DOLLARS PER POUND					
1980						
JANUARY	2.59	3.65	3.65	3.70	4.04	4.22
FEBRUARY	2.84	3.78	3.80	3.86	4.26	5.03
MARCH	3.40	4.51	4.51	4.52	5.06	6.05
APRIL	3.35	5.18	5.19	5.19	5.39	5.60
MAY	2.23	3.31	3.31	3.31	3.31	3.31
JUNE	2.45	3.52	3.52	3.53	3.56	3.56
JULY	1.75	4.00	4.00	4.01	4.14	4.15
AUGUST	1.66	3.91	3.91	3.98	4.58	4.75
SEPTEMBER	1.56	3.42	3.45	3.52	4.23	4.65
OCTOBER	1.76	3.19	3.21	3.26	3.88	4.22
NOVEMBER	2.09	3.55	3.56	3.59	4.06	4.41
DECEMBER	2.85	4.32	4.33	4.37	4.75	5.00
AVERAGE	1.90	3.96	3.87	3.90	4.27	4.58
1981						
JANUARY	3.52	5.08	5.11	5.15	5.50	5.79
FEBRUARY	4.13	5.21	5.23	5.30	5.69	6.24
MARCH	3.67	5.09	5.09	5.09	5.69	6.13
APRIL	2.90	4.13	4.13	4.16	4.67	5.45
MAY	2.26	3.20	3.20	3.20	3.49	3.64
JUNE	2.56	3.34	3.35	3.37	3.51	3.61
JULY	1.95	3.81	3.81	3.99	4.00	4.06
AUGUST	1.75	3.57	3.59	3.81	4.36	4.65
SEPTEMBER	1.86	3.57	3.57	3.66	4.77	5.25
OCTOBER		3.38	3.38	3.39	3.92	4.70
NOVEMBER		3.47	3.47	3.53	4.14	4.60
DECEMBER		3.82	3.82	3.82	4.31	4.72
AVERAGE		3.97	3.98	4.03	4.50	4.90
1982						
JANUARY		3.94	3.94	3.89	4.51	4.98
FEBRUARY		4.36	4.36	4.36	4.79	5.29
MARCH		4.74	4.74	4.74	5.22	5.96
APRIL		5.52	5.52	5.54	5.69	6.23
MAY						
JUNE						
JULY						
AUGUST						
SEPTEMBER						
OCTOBER						
NOVEMBER						
DECEMBER						
AVERAGE						

(1) WEIGHTED AVERAGE IN MAINE.
(2) AT NEW YORK, N.Y.

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TABLE A19.--SUPPLY AND USE OF LOBSTER TAILS, MONTHLY, 1980-82
(PRODUCT WEIGHT)

MONTH	SUPPLY			USE	
	BEGINNING STOCKS	IMPORTS	TOTAL	ENDING STOCKS	APPARENT CONSUMPTION
	MILLION POUNDS				
1980					
JANUARY	5.7	2.7	8.3	5.4	3.0
FEBRUARY	5.4	2.8	8.2	4.8	3.3
MARCH	4.8	2.6	7.3	6.3	1.2
1ST QTR	5.7	8.1	13.8	6.3	7.5
APRIL	6.3	2.6	8.8	7.0	1.9
MAY	7.0	3.5	10.5	4.5	5.9
JUNE	4.5	2.5	7.0	4.7	2.3
2ND QTR	6.3	8.5	14.8	4.7	10.1
JULY	4.7	2.0	6.7	4.1	2.6
AUGUST	4.1	1.5	5.6	3.9	1.7
SEPTEMBER	3.9	2.0	5.9	4.0	2.0
3RD QTR	4.7	5.6	10.3	4.0	6.3
OCTOBER	4.0	1.8	5.7	5.1	0.6
NOVEMBER	5.1	1.5	6.6	5.6	1.0
DECEMBER	5.6	2.0	7.6	4.5	3.1
4TH QTR	4.0	5.3	9.2	4.5	4.7
YEAR	5.7	27.4	33.1	4.5	28.6
1981					
JANUARY	4.5	2.3	6.9	5.7	1.2
FEBRUARY	5.7	1.8	7.5	3.6	3.9
MARCH	3.6	3.3	6.9	4.3	2.5
1ST QTR	4.5	7.4	11.9	4.3	7.6
APRIL	4.3	2.5	6.9	4.0	2.8
MAY	4.0	2.3	6.3	3.5	2.7
JUNE	3.5	3.2	6.8	4.4	2.3
2ND QTR	4.3	8.0	12.3	4.4	7.9
JULY	4.4	2.8	7.2	4.6	2.7
AUGUST	4.6	1.6	6.1	4.0	2.1
SEPTEMBER	4.0	1.9	5.9	4.5	1.4
3RD QTR	4.4	6.3	10.7	4.5	6.2
OCTOBER	4.5	2.3	6.8	4.9	1.9
NOVEMBER	4.9	1.8	6.8	3.6	3.2
DECEMBER	3.6	2.3	5.9	3.9	2.0
4TH QTR	4.5	6.4	11.0	3.9	7.1
YEAR	4.5	28.1	32.6	3.9	28.8
1982					
JANUARY	3.9	2.0	5.8	3.6	2.2
FEBRUARY	3.6	2.2	5.8	3.7	2.1
MARCH	3.7	2.8	6.5	4.8	1.6
1ST QTR	3.9	6.9	10.8	4.8	6.0
APRIL	4.8				
MAY					
JUNE					
2ND QTR					
JULY					
AUGUST					
SEPTEMBER					
3RD QTR					
OCTOBER					
NOVEMBER					
DECEMBER					
4TH QTR					
YEAR					

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Table A20.--Supply and use of lobster tails, annual, 1965-81
(Product weight)

Year	Supply				Use		
	Beginning stocks	Landings	Imports	Total	Ending stocks	Apparent consumption	
						Total	Per capita
	Million pounds						Pounds
1965	2.7	2.1	30.9	35.7	5.5	30.2	.156
1966	5.5	1.9	29.3	36.8	6.8	30.0	.153
1967	6.8	1.6	27.3	35.7	3.8	32.0	.162
1968	3.8	2.5	35.8	42.1	5.2	36.8	.185
1969	5.2	2.9	37.3	45.5	7.5	37.9	.188
1970	7.5	3.4	32.5	43.5	4.3	39.3	.193
1971	4.3	3.0	34.6	41.8	4.1	37.7	.182
1972	4.1	4.1	34.1	42.3	7.5	34.8	.166
1973	7.5	3.8	30.8	42.0	5.0	37.0	.175
1974	5.0	3.9	31.2	40.2	6.5	33.7	.158
1975	6.5	2.5	30.3	39.4	2.7	36.6	.170
1976	2.7	1.8	33.3	37.9	6.2	31.6	.145
1977	6.2	1.8	33.9	41.9	5.0	37.0	.170
1978	5.0	1.5	31.3	37.8	5.9	32.0	.145
1979	5.9	2.1	31.1	39.1	5.7	33.4	.149
1980	5.7	2.3	27.4	35.4	4.5	30.9	.136
1981	4.5	2.2	28.1	34.8	3.9	31.0	.135

Note: Figures may not add to total because of rounding.

Table A21.--U.S. imports of lobster tails by country of origin, 1965-81
(Product weight)

Year	Australia	Brazil	Rep. of S. Africa	New Zealand	Other	Total
	Million pounds					
1965	8.5	2.6	12.2	2.7	4.9	30.9
1966	8.5	2.4	10.8	3.0	4.6	29.3
1967	8.5	2.0	8.6	3.6	4.6	27.3
1968	10.0	3.4	11.2	4.9	6.3	35.8
1969	8.7	5.7	9.2	5.1	8.6	37.3
1970	8.2	5.8	6.0	4.1	8.4	32.5
1971	10.0	5.1	5.2	4.1	10.2	34.6
1972	10.0	6.0	4.5	3.4	10.2	34.1
1973	8.7	5.4	5.0	3.1	8.6	30.8
1974	8.0	5.9	5.5	2.9	8.9	31.2
1975	9.0	4.9	5.6	2.6	8.2	30.3
1976	9.3	4.9	6.0	2.6	10.5	33.3
1977	9.1	5.2	5.9	2.5	11.2	33.9
1978	9.0	6.5	5.2	2.7	8.1	31.3
1979	9.8	6.0	4.0	2.4	8.8	31.1
1980	9.7	4.7	2.6	2.6	7.8	27.4
1981	8.6	5.7	2.5	2.6	8.7	28.1

Note: Figures may not add to total because of rounding.

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TABLE A22.--WHOLESALE PRICES FOR SELECTED SIZES OF AUSTRALIAN AND BRAZILIAN LOBSTER TAILS AT NEW YORK, MONTHLY, 1980-82

MONTH	AUSTRALIAN					BRAZILIAN				
	5-6 oz.	6-8 oz.	8-10 oz.	10-12 oz.	12-16 oz.	4 oz.	6 oz.	8 oz.	10 oz.	12 oz.
	DOLLARS PER POUND									
1980										
JANUARY	9.42	-	9.48	9.48	9.27	7.55	7.55	7.44	7.13	6.98
FEBRUARY	9.22	9.22	9.27	9.28	9.28	7.55	7.65	7.39	7.15	7.02
MARCH	9.14	9.07	9.07	9.08	9.11	7.52	7.65	7.43	6.98	6.91
APRIL	9.02	8.75	8.75	8.76	8.76	7.52	7.56	7.42	6.99	6.79
MAY	9.01	8.37	8.37	8.40	8.50	7.36	7.50	7.38	6.94	6.86
JUNE	9.17	8.49	8.34	8.42	8.45	7.40	7.68	7.36	7.02	6.94
JULY	9.38	8.97	8.46	8.60	8.50	7.49	8.01	7.43	7.06	6.93
AUGUST	9.77	9.60	8.69	8.75	8.61	7.70	8.11	7.52	7.24	7.03
SEPTEMBER	10.02	9.97	8.85	8.84	8.81	8.20	8.31	7.79	7.52	7.32
OCTOBER	10.17	10.03	8.95	8.86	8.81	8.40	8.62	8.05	7.50	7.38
NOVEMBER	10.10	9.91	8.92	8.86	8.80	8.42	8.69	8.15	7.66	7.57
DECEMBER	-	9.83	8.80	-	-	8.36	8.77	8.12	7.68	7.67
AVERAGE	9.50	9.29	8.83	8.85	8.81	7.79	8.01	7.62	7.23	7.12
1981										
JANUARY	9.25	9.25	8.75	8.75	8.65	8.40	8.75	8.24	7.75	7.75
FEBRUARY	9.40	9.20	8.72	8.72	8.65	8.29	8.27	8.13	7.46	7.43
MARCH	9.67	9.40	8.76	8.91	8.68	8.54	8.76	8.28	7.75	7.73
APRIL	10.19	9.96	9.16	9.05	8.74	9.04	9.32	8.64	8.08	8.08
MAY	10.90	10.75	9.97	9.58	8.79	9.65	9.92	9.20	8.57	8.55
JUNE	11.10	11.08	10.26	10.19	8.69	9.99	10.21	9.63	8.96	8.92
JULY	11.17	11.13	10.38	10.10	8.76	10.05	10.35	9.68	9.09	8.99
AUGUST	11.24	11.11	10.63	10.15	8.74	10.11	10.34	9.73	9.15	9.01
SEPTEMBER	11.57	11.36	11.08	9.92	8.92	10.08	10.30	9.70	9.08	8.91
OCTOBER	11.63	11.67	11.25	9.00	9.00	10.01	10.26	9.67	9.07	8.94
NOVEMBER	11.94	11.79	11.55	10.50	10.50	10.02	10.25	9.65	9.05	8.94
DECEMBER	-	-	-	-	-	9.98	10.25	9.69	9.09	8.98
AVERAGE	10.73	10.61	10.05	9.43	8.92	9.51	9.74	9.19	8.59	8.52
1982										
JANUARY	10.86	10.76	11.08	11.08	10.73	9.85	10.06	9.61	9.02	8.91
FEBRUARY	10.39	10.28	10.97	10.98	10.55	9.80	9.96	9.64	9.16	8.94
MARCH	10.46	10.21	10.74	10.78	10.67	9.71	10.06	9.61	9.08	9.00
APRIL	10.86	10.27	10.60	10.71	10.52	9.72	10.09	9.59	9.19	9.04
MAY										
JUNE										
JULY										
AUGUST										
SEPTEMBER										
OCTOBER										
NOVEMBER										
DECEMBER										
AVERAGE										

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Table A23.--Landings of west coast crabs, annual, 1960-81
(Live weight)

Year	King	Snow	Dungeness	Total
		Million pounds		
1960	28.6	-	36.2	64.8
1961	43.4	(1)	32.7	76.1
1962	52.8	(1)	23.4	76.2
1963	78.7	-	24.9	103.6
1964	86.7	(1)	23.0	109.7
1965	131.7	-	28.9	160.6
1966	159.2	(1)	39.7	198.9
1967	127.7	0.1	42.4	170.2
1968	82.0	3.2	44.0	129.2
1969	57.7	11.2	49.1	118.0
1970	52.1	14.5	58.5	125.1
1971	70.7	12.9	41.6	125.7
1972	74.4	30.1	28.2	132.7
1973	76.8	61.7	14.4	152.9
1974	95.2	63.9	16.1	175.2
1975	97.6	46.9	16.0	160.5
1976	105.9	80.8	35.8	222.5
1977	99.4	98.3	60.4	258.1
1978	121.3	128.8	39.3	289.4
1979	150.0	130.5	38.7	319.2
1980	183.2	121.3	38.3	342.8
1981	86.8	104.6	35.6	227.0

(1) Less than 51,000 pounds.
Note: Figures may not add to total because of rounding.
Excludes deadloss weight for 1977-81.

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TABLE A24.--LANDINGS OF KING AND SNOW CRAB, MONTHLY, 1980-82
(LIVE WEIGHT)

MONTH	1980			1981			1982		
	KING	SNOW	TOTAL	KING	SNOW	TOTAL	KING	SNOW	TOTAL
	MILLION POUNDS								
JANUARY	2.5	10.0	12.5	5.0	2.7	7.7	3.8	4.4	8.2
FEBRUARY	0.2	18.5	18.7	1.7	7.9	9.6	1.2	8.3	9.5
MARCH	0.1	30.8	31.0	0.5	34.8	35.3	0.2	22.1	22.3
1ST QTR	2.8	59.3	62.1	7.2	45.3	52.6	5.2	34.8	40.0
APRIL	0.1	23.3	23.4	0.1	35.3	35.4			
MAY	(1)	26.9	26.9	(1)	21.1	21.2			
JUNE	(1)	7.8	7.8	(1)	3.4	3.5			
2ND QTR	0.1	58.1	58.2	0.2	59.9	60.0			
JULY	1.2	1.5	2.7	1.5	0.2	1.6			
AUGUST	1.6	(1)	1.6	6.0	-	-			
SEPTEMBER	68.2	(1)	68.2	33.2	-	-			
3RD QTR	71.0	1.6	72.6	40.6					
OCTOBER	82.9	(1)	82.9	29.0	-	-			
NOVEMBER	20.6	0.4	21.0	6.2	(1)	6.2			
DECEMBER	8.3	2.4	10.6	4.8	2.1	6.9			
4TH QTR	111.8	2.8	114.5	40.0	2.1	13.1			
YEAR	185.6	121.7	307.4	88.1	107.3	125.7			

(1) LESS THAN 50,000 POUNDS.

NOTE: FIGURES MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING.

TABLE A25.--WHOLESALE PRICES FOR KING AND SNOW CRAB MEAT, MONTHLY, 1979-82

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	AVERAGE
	DOLLARS PER POUND												
KING CRAB, CHICAGO													
1978	7.74	7.88	7.93	8.40	8.67	8.96	-	8.90	8.98	8.87	8.79	8.51	8.46
1979	8.40	8.42	8.34	8.88	8.94	8.70	7.89	6.93	7.00	7.07	7.11	7.05	8.15
1980	6.93	6.77	6.54	6.55	6.80	6.98	7.05	7.46	7.48	7.49	7.73	7.90	7.14
1981	7.99	8.15	8.20	8.81	10.14	10.31	10.48	10.63	10.93	-	-	-	9.73
1982	-	-	-	-									
KING CRAB, NEW YORK													
1978	7.60	7.87	8.17	8.65	8.78	8.92	8.56	8.90	10.02	8.90	8.85	-	8.02
1979	8.42	8.28	8.99	8.81	8.80	8.66	7.37	6.91	6.88	6.96	7.00	6.99	8.01
1980	6.93	6.71	6.57	6.48	6.76	6.77	7.05	7.31	7.39	7.57	7.73	7.96	7.10
1981	8.00	8.26	8.13	8.99	10.27	10.27	10.39	10.49	10.75	11.84	13.78	13.71	10.57
1982	13.45	13.63	13.75	13.91									
SNOW CRAB, CHICAGO													
1978	-	-	-	-	5.14	5.30	5.38	-	-	5.60	5.61	5.6	5.45
1979	5.50	5.55	-	-	-	-	-	-	-	-	-	-	5.52
1980	-	5.47	-	-	-	-	-	-	-	5.23	5.23	5.25	5.29
1981	-	-	-	-	-	-	-	-	-	-	-	-	-
1982	-	-	-	-									
SNOW CRAB, NEW YORK													
1978	3.99	4.06	4.44	5.02	5.23	5.47	5.56	5.60	5.65	5.50	5.66	5.57	5.16
1979	5.51	5.40	5.51	5.59	5.69	5.75	5.63	5.53	5.34	5.31	5.21	5.19	5.47
1980	5.20	5.10	5.23	5.10	4.91	5.02	5.04	5.21	5.11	5.12	5.25	5.10	5.12
1981	5.24	5.75	6.00	6.02	6.50	6.50	6.50	6.44	6.50	6.50	-	-	6.19
1982	5.50	5.25	5.00	5.21									

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Table A26.--Landings of blue crabs (hard) by area, annual, 1960-81
(Live weight)

Year	Middle Atlantic	Chesapeake	South Atlantic	Gulf	U.S. landings (1)
		Million pounds			
1960	3.6	66.3	44.8	34.9	149.6
1961	1.4	70.6	40.4	35.3	147.7
1962	3.4	81.3	38.7	25.9	149.3
1963	1.4	63.1	50.8	26.5	141.7
1964	0.9	74.1	52.0	25.3	152.3
1965	1.5	82.6	46.0	37.0	167.0
1966	1.3	94.1	40.5	31.0	166.8
1967	0.8	79.4	37.3	27.5	145.0
1968	0.4	54.2	33.3	25.8	113.6
1969	1.1	56.7	41.3	33.2	132.3
1970	1.4	67.4	42.7	34.0	145.4
1971	2.1	73.9	39.6	33.5	149.4
1972	4.0	72.0	36.2	35.2	147.5
1973	4.9	56.3	31.8	43.5	136.5
1974	5.0	65.5	38.3	40.4	149.2
1975	6.4	59.1	30.5	38.7	134.7
1976	6.3	45.2	27.4	36.6	115.4
1977	1.3	56.4	30.7	44.3	132.7
1978	1.2	52.6	47.1	38.2	138.2
1979	1.3	64.2	49.2	38.2	152.8
1980 (2)	3.9	63.3	55.0	41.1	163.2
1981 (2)	2.5	94.7	60.5	37.4	195.1

(1) The U.S. totals may include a very small amount of blue crabs landed in New England.
(2) Preliminary.
Note: Figures may not add to total because of rounding.

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TABLE A27.--EXVESSEL, WHOLESALE, AND RETAIL PRICES FOR HARD BLUE CRABS, MONTHLY, 1978-82

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	AVERAGE
							DOLLARS PER POUND						
EXVESSEL (1)													
1978	0.25	0.25	0.28	0.23	0.29	0.31	0.25	0.20	0.15	0.15	0.14	0.15	0.21
1979	0.29	0.34	0.32	0.23	0.22	0.20	0.20	0.17	0.16	0.13	0.14	0.14	0.19
1980	0.24	0.28	0.28	0.21	0.21	0.23	0.21	0.19	0.19	0.19	0.19	0.15	0.20
1981	0.23	0.25	0.32	0.35	0.33	0.36	0.24	0.20	0.18				
1982													
WHOLESALE, MEAT (2) -- JUMBO LUMP													
1978	8.46	8.75	8.50	8.58	8.85	8.94	9.06	9.00	9.00	9.00	9.00	9.03	8.95
1979	9.50	9.50	9.80	9.75	9.63	9.71	9.75	9.38	9.50	9.50	9.38	9.36	9.54
1980	9.50	9.63	10.00	10.00	10.03	10.00	10.00	9.77	9.24	9.22	9.63	10.00	9.75
1981	10.30	10.50	10.50	11.00	11.46	11.38	10.80	9.91	10.50	10.13	10.50	10.70	10.64
1982	11.31	11.38	11.50	11.50									
WHOLESALE, MEAT (2) -- LUMP													
1978	6.50	7.33	6.83	6.58	6.53	6.66	6.50	6.50	6.50	6.50	6.50	6.50	6.62
1979	6.50	6.56	6.80	6.52	6.50	6.50	6.41	6.48	6.44	6.03	6.06	6.00	6.40
1980	6.74	7.31	7.50	7.50	6.22	6.29	6.45	6.52	6.25	6.40	6.50	6.75	6.70
1981	7.44	7.50	7.50	7.95	7.89	7.69	6.95	6.98	6.75	7.00	7.13	7.50	7.35
1982	8.31	7.91	8.00	8.10									
WHOLESALE, MEAT (2) -- LUMP/FLAKE MIXED													
1978	4.08	4.00	3.98	3.97	4.02	4.25	4.50	4.05	4.00	4.00	4.05	4.13	4.09
1979	4.00	4.00	-	4.25	4.13	4.00	4.09	4.04	4.13	4.28	4.03	4.13	4.10
1980	4.14	4.16	4.00	4.17	4.50	4.50	4.57	4.54	4.53	4.50	4.50	4.85	4.41
1981	5.30	5.50	5.50	5.63	5.50	5.75	5.63	5.00	5.03	5.25	5.31	5.44	5.40
1982	5.81	5.50	5.00	5.20									
							DOLLARS PER BUSHEL						
WHOLESALE, LIVE (2)													
1978	23.50	21.38	22.75	22.13	23.50	26.50	23.75	20.20	14.50	13.00	16.63	18.88	20.55
1979	22.25	26.75	24.80	19.75	18.80	19.75	20.50	19.00	16.63	16.13	19.63	21.88	20.40
1980	22.13	24.50	25.17	21.53	22.88	25.13	23.50	25.38	13.00	18.20	25.83	20.25	22.70
1981	26.33	29.00	30.17	28.60	31.50	30.50	25.60	19.38	16.13	18.50	21.88	17.50	24.59
1982	22.50	23.00	24.88	24.20									
							DOLLARS PER POUND						
RETAIL, MEAT (3)													
1978	5.22	5.51	5.31	5.11	5.36	5.54	5.84	5.78	5.51	5.65	5.25	5.38	5.40
1979	5.60	5.90	6.09	6.19	5.88	5.78	5.60	5.44	5.60	5.44	5.44	5.69	5.74
1980	6.15	6.64	6.99	6.82	6.40	6.26	6.30	6.21	6.09	6.33	6.69	6.53	6.46
1981	7.00	7.12	7.35	7.50	7.67	7.66	7.15	6.63	6.38	6.45	6.34	6.34	6.97
1982	6.65	6.94	6.93	6.95									

(1) WEIGHTED AVERAGE VALUE OF MARYLAND AND VIRGINIA LANDINGS, LIVE WEIGHT BASIS.
(2) AT NEW YORK, N.Y.
(3) AT BALTIMORE, MD.

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Table A28.--Landings of oysters, by area and type, annual, 1965-81

(Meat weight)

Year	Eastern oysters					Pacific (1)	Total
	Chesapeake	South Atlantic	Gulf	Other	Total		
	Thousand pounds						
1965	21,188	4,082	19,156	1,105	45,531	9,157	54,688
1966	21,232	3,657	17,182	1,338	43,409	7,814	51,223
1967	25,798	3,160	21,747	1,526	52,231	7,726	59,957
1968	22,679	2,965	26,739	1,749	54,132	7,754	61,886
1969	22,157	1,830	19,765	1,491	45,243	6,956	52,199
1970	24,668	1,626	17,714	1,620	45,628	7,974	53,602
1971	25,557	1,846	20,266	2,169	49,838	8,100	57,938
1972	24,066	1,868	18,260	3,473	47,667	8,391	56,058
1973	25,400	1,656	14,914	3,363	45,333	6,598	51,931
1974	25,021	1,841	14,878	3,385	45,125	5,051	50,176
1975	22,640	1,585	19,295	3,878	47,398	5,829	53,227
1976	20,964	1,704	21,569	3,773	48,010	6,384	54,395
1977	17,929	1,847	18,081	2,579	40,436	5,590	46,026
1978	21,531	2,138	18,212	3,302	45,183	5,800	50,983
1979	20,428	2,441	15,289	4,167	42,325	5,756	48,081
1980	20,777	2,279	16,548	2,835	42,439	6,642	49,081
1981	22,153	2,786	17,079	2,406	44,440	5,612	50,052

(1) Landings of western oysters included with landings of Pacific oysters.
Note: Figures may not add to total because of rounding.

Table A29.--U.S. imports of oysters by product type, annual, 1965-81
(Product weight)

Year	In airtight containers		Not in airtight containers	Total
	Not smoked	Smoked		
	Thousand pounds			
1965	5,051	3,070	1,290	9,411
1966	7,014	4,524	1,138	12,676
1967	11,329	4,199	3,581	19,109
1968	8,991	4,627	2,574	16,372
1969	10,793	4,624	1,429	16,864
1970	6,930	4,147	2,104	13,181
1971	4,257	4,056	1,206	9,519
1972	14,032	5,248	1,959	21,239
1973	14,302	3,581	2,503	20,386
1974	11,359	3,549	2,663	17,572
1975	6,710	3,767	3,399	13,876
1976	7,266	4,551	3,635	15,452
1977	10,845	5,555	3,141	19,540
1978	14,402	5,787	3,479	23,668
1979	10,573	4,478	4,437	19,488
1980	9,017	3,899	1,575	14,491
1981	9,374	4,956	2,116	16,446

Note: Figures may not add to total because of rounding.

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Table A30.--Supply and use of oysters, annual, 1960-81
(Meat weight)

Year	Supply				Use	
	Beginning stocks	Landings	Imports (1)	Total	Ending stocks	Apparent consumption
	Million pounds					
1960	0.8	60.0	14.2	75.1	0.9	74.1
1961	.9	62.3	15.7	78.9	.8	78.1
1962	.8	56.0	15.2	72.0	.7	71.3
1963	.7	58.4	20.8	79.9	1.4	78.5
1964	1.4	60.5	13.5	75.5	1.1	74.4
1965	1.1	54.7	15.2	71.0	.6	70.3
1966	.6	51.2	21.5	73.3	2.1	71.3
1967	2.1	60.0	26.3	88.3	1.4	86.9
1968	1.4	61.9	24.9	88.2	1.8	86.4
1969	1.8	52.2	25.6	79.6	1.2	78.4
1970	1.2	53.6	21.0	75.8	1.0	74.8
1971	1.0	57.9	17.5	76.4	.7	75.7
1972	.7	56.1	30.9	87.6	.8	86.8
1973	.8	51.9	26.4	79.1	3.3	75.8
1974	3.3	50.1	23.6	77.0	1.6	75.4
1975	1.6	53.2	20.5	75.3	1.4	73.8
1976	1.4	54.4	23.7	79.5	1.1	78.5
1977	1.1	46.0	29.8	76.9	2.2	74.7
1978	2,2	51.0	33.8	87.0	2.1	84.9
1979	2.1	48.1	27.1	77.3	1.2	76.1
1980	1.2	49.1	21.7	72.0	1.9	70.1
1981	1.9	50.1	25.8	77.7	1.4	76.3

(1) Includes oysters in airtight containers (smoked and other) and fresh and frozen oysters, converted to meat weight.

Note: Figures may not add to total because of rounding.

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TABLE A31.--EXVESSEL, WHOLESALE, AND RETAIL PRICES OF OYSTER MEATS, MONTHLY, 1978-82

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	AVERAGE
	DOLLARS PER POUND												
EXVESSEL (1)													
1978	1.21	1.21	1.12	1.22	1.33	1.34	1.22	1.13	1.00	1.03	1.05	1.08	1.11
1979	1.11	1.24	1.09	1.23	1.39	1.31	1.26	1.19	1.20	1.28	1.34	1.35	1.24
1980	1.29	1.30	1.33	1.41	1.38	1.07	1.17	1.34	1.49	1.24	1.28	1.34	1.31
1981	1.62	1.47	1.28	1.28	1.27	1.29	1.16	1.02	1.30				
1982													
	DOLLARS PER GALLON												
WHOLESALE, EASTERN (2)													
1978	16.50	16.25	16.50	15.75	16.25	16.75	16.75	17.00	17.00	17.25	17.25	16.75	16.67
1979	16.75	16.75	16.75	16.50	16.75	17.00	17.00	17.75	17.75	18.50	18.50	18.50	17.38
1980	19.00	18.50	18.25	18.25	18.25	18.75	19.00	19.00	19.50	20.00	20.00	20.00	19.04
1981	20.00	20.00	19.80	19.50	20.00	19.60	19.75	20.33	20.50	21.00	21.00		
1982													
WHOLESALE, OLYMPIA (3)													
1978	71.50	71.50	85.38	90.00	90.00	90.00	90.00	90.00	90.00	92.50	100.00	100.00	88.41
1979	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
1980	135.00	135.00	135.00	135.00	-	-	-	-	-	-	-	-	135.00
1981	-	-	-	-	-	-	-	-	-	-	-	-	-
1982	-	-	-	-									
WHOLESALE, PACIFIC (3)													
1978	13.45	13.45	14.24	14.46	14.45	14.45	14.45	14.45	14.45	14.79	15.80	15.80	14.52
1979	15.80	15.80	15.80	15.80	16.80	16.80	16.80	16.80	16.80	16.80	16.80	16.80	16.47
1980	17.35	17.90	17.90	17.90	-	-	-	-	-	-	-	-	17.76
1981	-	-	-	-	-	-	-	-	-	-	-	-	-
1982	-	-	-	-									
	DOLLARS PER 12-OZ. CAN												
RETAIL, EASTERN (4)													
1978	2.40	2.38	2.39	2.41	-	-	-	-	-	2.59	2.53	2.56	2.47
1979	2.59	2.51	2.54	2.55	-	-	-	-	-	2.69	2.83	2.85	2.65
1980	2.89	2.84	2.87	2.89	-	-	-	-	2.49	3.12	3.03	2.99	2.89
1981	3.16	3.14	2.91	2.99	-	-	-	-	3.34	3.39	3.24	3.35	3.19
1982	3.22	3.14	3.18	3.14									

(1) WEIGHTED AVERAGE VALUE OF MARYLAND AND VIRGINIA LANDINGS.
(2) STANDARDS, AT NORFOLK, VA.
(3) AT SEATTLE, WASH.
(4) STANDARDS, AT BALTIMORE, MD.

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Table A32.--Total landings of clams by species, annual, 1965-81
(Meat weight)

Year	Hard	Soft	Surf	Other	Total
			Thousand pounds		
1965	15,044	11,308	44,088	409	70,849
1966	15,324	11,919	45,113	395	72,751
1967	16,182	9,823	45,054	441	71,500
1968	15,426	10,368	40,552	900	67,246
1969	16,154	13,481	49,575	1,535	80,745
1970	16,015	12,908	67,318	2,963	99,204
1971	16,666	12,652	52,535	2,636	84,489
1972	16,153	9,078	63,471	1,987	90,689
1973	14,505	8,627	82,370	2,038	107,540
1974	15,008	8,594	96,110	1,001	120,713
1975	14,827	8,759	86,919	1,779	112,284
1976	15,600	10,540	49,133	5,728	81,001
1977	15,433	10,683	51,036	19,008	96,160
1978	13,295	10,091	39,237	25,088	87,711
1979	12,058	8,585	34,912	36,495	92,050
1980	13,370	8,948	37,737	35,314	95,369
1981	18,118	8,072	46,100	48,341	120,631

Note: Figures may not add to total because of rounding.

Table A33.--Supply and use of clams, annual, 1965-81
(Meat weight)

Year	Supply			Use		
	Beginning stocks	Landings	Imports (1)	Total	Ending stocks	Apparent consumption
			Million pounds			
1965	na	70.8	1.5	72.4	na	72.4
1966	na	72.8	2.1	74.8	na	74.8
1967	na	71.5	1.8	73.3	na	73.3
1968	na	67.2	2.0	69.3	na	69.3
1969	na	80.7	2.9	83.6	na	83.6
1970	na	99.2	4.9	104.1	na	104.1
1971	na	84.5	3.4	87.9	na	87.9
1972	na	90.7	5.1	95.8	na	95.8
1973	na	107.5	4.3	111.8	na	111.8
1974	2.1 (2)	121.7	4.9	128.7	2.5	126.2
1975	2.5	113.4	2.4	118.3	1.9	116.4
1976	1.9	82.5	6.7	91.1	2.4	88.7
1977	2.4	96.3	8.4	107.0	4.4	102.6
1978	4.5	87.7	6.1	98.3	4.5	93.8
1979	4.5	92.0	7.3	103.8	4.6	99.2
1980	4.6	95.4	6.9	106.9	4.5	102.4
1981	4.5	120.6	9.5	134.7	3.9	130.8

(1) Includes fresh and frozen and canned clam imports converted to meat weight equivalent.
(2) Holdings as of January 31, 1974; figures for January 1 not available
na - Not available
Note: Figures may not add to total because of rounding.

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TABLE A34.--SUPPLY AND USE OF CLAMS, MONTHLY, 1980-82
(MEAT WEIGHT)

MONTH	SUPPLY							USE	
	BEGINNING STOCKS	LANDINGS (1) HARD	SOFT	SURF	QUAHOG	TOTAL	IMPORTS (2)	TOTAL SUPPLY	ENDING STOCKS	APPARENT CONSUMPTION
	MILLION POUNDS									
1980										
JANUARY	4.6	0.9	0.7	2.2	2.5	6.3	0.4	11.2	3.6	7.7
FEBRUARY	3.6	0.7	0.4	2.8	3.7	7.6	0.7	11.9	3.0	8.9
MARCH	3.0	0.8	0.5	2.4	2.8	6.5	1.0	10.4	2.7	7.8
1ST QTR	4.6	2.3	1.6	7.5	8.9	20.3	2.1	27.0	2.7	24.3
APRIL	2.7	0.7	0.4	2.4	2.6	6.2	0.3	9.2	2.9	6.3
MAY	2.9	1.2	0.7	3.7	3.5	9.2	0.3	12.4	3.5	8.9
JUNE	3.5	1.2	0.9	3.5	3.3	8.8	0.3	12.6	5.1	7.5
2ND QTR	2.7	3.1	2.0	9.6	9.4	24.2	1.0	27.8	5.1	22.7
JULY	5.1	1.3	1.0	3.3	2.4	7.9	0.2	13.3	4.0	9.3
AUGUST	4.0	1.4	1.3	3.6	2.7	8.9	0.7	13.6	4.9	8.7
SEPTEMBER	4.9	1.1	0.6	3.7	2.6	7.9	0.6	13.5	5.2	8.2
3RD QTR	5.1	3.7	2.8	10.6	7.6	24.8	1.6	31.5	5.2	26.3
OCTOBER	5.2	0.9	0.4	3.1	3.1	7.6	0.8	13.6	5.0	8.6
NOVEMBER	5.0	0.8	0.7	2.1	2.2	5.7	0.5	11.3	4.6	6.7
DECEMBER	4.6	0.7	0.3	3.9	2.1	6.9	1.0	12.5	4.5	8.0
4TH QTR	5.2	2.4	1.4	9.1	7.4	20.3	2.3	27.8	4.5	23.2
YEAR	4.6	11.6	7.8	36.8	33.4	89.6	6.9	101.1	4.5	96.6
1981										
JANUARY	4.5	0.5	0.3	3.4	2.8	7.0	0.8	12.3	4.3	8.0
FEBRUARY	4.3	0.6	0.2	2.7	2.7	6.2	1.0	11.5	3.6	7.9
MARCH	3.6	0.7	0.3	4.1	2.8	7.8	0.8	12.3	3.8	8.5
1ST QTR	4.5	1.8	0.9	10.1	8.2	21.0	2.6	28.1	3.8	24.3
APRIL	3.8	0.7	0.4	4.3	2.8	8.2	0.9	12.8	4.3	8.5
MAY	4.3	0.8	0.6	4.5	2.5	8.3	1.2	13.8	3.9	9.9
JUNE	3.9	0.7	1.4	6.5	2.4	10.9	0.7	15.5	5.4	10.1
2ND QTR	3.8	2.2	2.3	15.3	7.6	27.4	2.7	34.0	5.4	28.5
JULY	5.4	0.7	1.3	4.6	1.6	8.3	0.8	14.5	5.8	8.6
AUGUST	5.8	0.8	1.0	2.9	2.2	7.0	0.7	13.5	5.8	7.7
SEPTEMBER	5.8	0.7	0.4	2.3	3.1	6.4	0.7	12.9	5.4	7.5
3RD QTR	5.4	2.2	2.7	9.9	6.9	21.7	2.2	29.3	5.4	23.8
OCTOBER	5.4						0.9		4.5	
NOVEMBER	4.5						0.5		4.7	
DECEMBER	4.7						0.5		3.9	
4TH QTR	5.4						2.0		3.9	
YEAR	4.5						9.5		3.9	76.7
1982										
JANUARY	3.9						0.8		3.5	
FEBRUARY	3.5						0.8		3.9	
MARCH	3.9						1.1		3.7	
1ST QTR	3.9						2.7		3.7	
APRIL	3.7									
MAY										
JUNE										
2ND QTR										
JULY										
AUGUST										
SEPTEMBER										
3RD QTR										
OCTOBER										
NOVEMBER										
DECEMBER										
4TH QTR										
YEAR										

(1) LANDINGS DATA ARE PRELIMINARY, AND INCLUDE ONLY THE SPECIFIED CLAMS THAT ARE LANDED ON THE EAST COAST FROM MAINE TO GEORGIA, EXCLUDING NEW HAMPSHIRE, CONNECTICUT, AND DELAWARE.
(2) INCLUDES FRESH AND FROZEN AND CANNED CLAM IMPORTS CONVERTED TO MEAT WEIGHT EQUIVALENT.

NOTE: FIGURES MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING.

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TABLE A35.--EXVESSEL PRICES FOR HARD, SOFT, SURF, AND OCEAN QUAHOG CLAM MEATS, MONTHLY, 1978-82

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	AVERAGE
	DOLLARS PER POUND												
HARD (1)													
1978	3.27	2.86	2.56	1.88	2.08	2.07	2.33	2.64	2.79	2.31	2.50	3.04	2.44
1979	3.33	3.25	3.26	2.51	2.90	2.49	2.67	3.63	3.04	3.44	3.52	3.75	3.06
1980	3.83	3.93	3.55	3.70	3.69	3.54	3.94	4.33	3.98	4.75	4.63	4.51	4.00
1981	4.41	4.59	4.13	3.08	3.55	3.81	4.32	4.12	3.40	4.12	4.12	4.50	3.97
1982	4.58	5.00	4.77										
SOFT (2)													
1978	1.35	1.35	1.38	1.10	0.95	0.93	1.29	1.52	1.64	1.58	1.57	1.44	1.29
1979	1.57	1.51	1.55	1.31	1.42	1.45	1.56	1.84	1.90	1.63	1.76	1.60	1.60
1980	1.60	1.68	1.51	1.48	1.46	1.53	1.73	1.91	2.08	1.77	1.56	1.71	1.68
1981	1.83	1.63	1.37	1.40	1.39	1.52	1.78	2.01	1.87				
1982													
SURF (3)													
1978	0.44	0.40	0.40	0.53	0.52	0.58	0.58	0.48	0.58	0.58	0.58	0.42	0.51
1979	0.42	0.42	0.47	0.48	0.58	0.58	0.59	0.59	0.57	0.58	0.52	0.30	0.52
1980	0.40	0.40	0.52	0.52	0.50	0.51	0.52	0.51	0.52	0.52	0.53	0.50	0.50
1981	0.51	0.47	0.48	0.49	0.53	0.49	0.48	0.50	0.64				
1982													
OCEAN QUAHOG (4)													
1978	0.31	0.30	0.30	0.28	0.28	0.28	0.28	0.29	0.28	0.29	0.29	0.29	0.29
1979	0.30	0.29	0.30	0.31	0.31	0.30	0.31	0.31	0.30	0.32	0.38	0.38	0.31
1980	0.34	0.34	0.34	0.29	0.29	0.29	0.29	0.32	0.31	0.30	0.30	0.30	0.31
1981	0.30	0.31	0.30	0.30	0.30	0.31							
1982													

(1) WEIGHTED AVERAGE, NEW YORK.
(2) WEIGHTED AVERAGE, MAINE AND MARYLAND.
(3) WEIGHTED AVERAGE, NEW JERSEY.
(4) WEIGHTED AVERAGE, RHODE ISLAND.

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TABLE A36.--WHOLESALE PRICES OF HARD, SOFT, AND SURF CLAMS, AT NEW YORK, MONTHLY, 1979-82

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	AVERAGE
	DOLLARS PER BUSHEL												
HARD, CHOWDERS													
1978	11.56	13.06	10.31	9.38	9.00	9.00	8.94	9.05	10.75	10.69	10.20	12.19	10.42
1979	14.13	14.13	13.20	12.44	11.80	11.19	9.94	10.35	12.94	14.88	12.70	14.38	12.67
1980	13.45	13.50	14.13	13.13	12.45	11.75	11.25	11.38	11.00	12.45	14.13	13.44	12.67
1981	15.10	14.00	13.75	14.45	14.00	13.63	12.70	12.69	13.19	12.75	13.00	13.50	13.56
1982	14.36	13.81	13.56	15.05									
HARD, CHERRYSTONES													
1978	21.38	22.38	18.25	16.44	17.50	17.13	17.25	17.65	19.98	18.63	17.30	22.25	18.94
1979	25.63	24.38	23.45	20.00	18.70	20.00	18.69	20.65	21.88	25.50	22.70	24.88	22.20
1980	23.90	23.63	25.00	22.75	20.90	21.25	20.80	22.63	22.75	25.40	28.38	27.00	23.68
1981	30.90	26.88	24.00	25.00	22.75	23.75	24.60	24.00	24.13	23.25	23.00	25.75	24.83
1982	29.00	27.75	25.50	28.70									
HARD, LITTLENECKS													
1978	59.50	62.00	52.63	40.00	45.70	42.00	48.50	56.90	65.75	51.00	43.00	62.38	52.45
1979	63.75	59.13	56.70	53.25	52.50	51.88	53.13	64.30	69.75	72.25	58.20	71.31	60.51
1980	66.00	72.75	74.63	58.13	52.80	56.00	60.50	65.25	61.38	65.70	72.75	74.25	65.01
1981	85.10	79.00	66.25	68.60	70.38	65.75	71.00	66.63	69.63	68.25	66.25	73.00	70.74
1982	83.25	92.88	73.50	85.10									
SOFT													
1978	29.63	32.17	29.33	26.50	24.70	22.88	25.13	29.50	34.63	31.25	32.20	29.75	28.97
1979	29.38	29.50	29.20	28.63	26.60	27.63	29.13	35.80	41.25	38.88	37.20	36.00	32.43
1980	36.38	35.80	35.75	34.88	32.25	32.00	33.80	38.38	39.25	36.80	35.88	36.33	35.62
1981	37.83	36.33	40.33	35.60	35.75	38.88	38.00	42.25	43.13	40.63	42.13	45.50	39.70
1982	46.00	43.13	40.50	38.38									
	DOLLARS PER GALLON												
SURF, MINCED													
1978	11.75	11.75	11.83	11.75	11.75	11.75	11.88	11.75	11.75	11.75	11.75	11.75	11.77
1979	11.75	11.75	11.75	11.75	11.75	11.75	11.75	11.75	11.75	12.25	12.75	12.75	11.96
1980	12.75	12.75	12.75	12.75	12.75	12.75	12.75	12.75	12.75	12.75	12.75	12.75	12.75
1981	12.75	12.75	12.75	12.75	12.75	12.75	12.42	12.75	12.75	12.75	12.75	12.75	12.72
1982	12.75	12.75	12.75	12.75									
SURF, STRIPS													
1978	13.75	13.75	13.75	13.75	13.75	13.75	-	13.75	13.75	13.75	13.75	13.75	13.75
1979	13.75	13.75	13.75	13.75	13.75	13.75	13.75	13.75	-	14.08	14.75	14.75	13.96
1980	14.75	14.75	14.75	14.75	14.75	14.75	14.75	14.75	14.75	14.75	14.75	14.75	14.75
1981	14.75	14.75	14.75	14.75	14.75	14.75	14.42	14.75	14.75	14.75	14.75	14.75	14.72
1982	14.75	14.75	14.75	14.75									

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FISHERY MARKET NEWS REPORTS: CONTENTS

DAILY AND OTHER DATA PUBLISHED MONDAY, WEDNESDAY, AND FRIDAY

	BOSTON BLUE SHEET	NEW YORK GREEN SHEET	NEW ORLEANS GOLDENROD SHEET	TERMINAL ISLAND BUFF SHEET	SEATTLE PINK SHEET
Landings	New England Major Ports	New England Major Ports New York City Gulf Area Finfish and Shrimp	Gulf Finfish, Shrimp, and Shellfish, by Area Florida Spiny Lobster	Tuna and California Anchovy, Bonito, Mackerel, and Squid San Pedro Market Fish Otter Trawl Landings (Weekly)	Alaska Halibut, Salmon Alaska Groundfish Alaska Shellfish Oregon, all Fisheries Washington, all Fisheries
Market Receipts (Truck, Air, Rail, and Vessel)	Boston Shippers' Market and Live Lobsters	New York Fulton Market	New Orleans New York Fulton Market, (Crabmeat and Shrimp) Shellfish	San Pedro Market Fish	--
Cannery Receipts	--	--	Shrimp	Tuna and Bonito, California Mackerel, and Squid	--
Imports	New England Frozen Blocks by Species and Country Selected Products by Country	New York City Customs District Shrimp by Country (Monthly) Shrimp by Size (Weekly on Wed.)	Gulf Area Savannah, GA Charleston, S.C. W. Palm Beach, Miami, FL Shrimp by Country Shrimp by Size Selected Products by Country	Tuna and Bonito by Species, Type, and Country Arizonia and California Mexican Shrimp Shrimp by Size Selected Products by Country	Washington, Oregon and Idaho
Exports	Selected Products Monthly, by Country	--	Selected Products Monthly, by Country	Prices Selected Species Selected Products Monthly, by Country	Pacific Northwest and Alaska by Country
Cold Storage Holdings	New England (Weekly) National (Monthly)	-- National (Monthly)	-- National (Monthly)	-- National (Monthly)	Northwest (Monthly) National (Monthly)
Canned Pack	--	--	--	Tuna and Bonito	Alaska Canned Salmon Pack in Season
Exvessel Prices	Boston and New Bedford Auction Sales Live Lobsters (Mass.)	Boston and New Bedford Auction Sales	--	Tuna and Bonito California Port	Alaska Halibut, Salmon Alaska Groundfish Alaska Shellfish Oregon, all Fisheries Washington, all Fisheries
Wholesale Prices (Fresh and Frozen)	Boston Shellfish (Wed.) Live Lobsters (Bought by Wholesaler)	New York Saltwater Finfish-Shellfish and Freshwater Finfish	New Orleans and New York Shellfish Japanese Shrimp Market Information	New York Shellfish	New York Halibut and Salmon Boston, Gloucester, and New Bedford Frozen Fish
Processors, Importers, and Brokers' Prices	Frozen Blocks, Fillets, Shellfish Specialty Items (Boston, New Bedford, and Gloucester) (Weekly on Wed.)	Frozen Shrimp, Lobster Tails, Other Shellfish, and Fillets Specialty Items, etc. (Weekly on Fri.)	New York Frozen Shrimp, and Lobster Tails Fish Meal Oil and Solubles, (Weekly on Wed.)	Canned Tuna and Bonito New England Frozen Blocks Fish Meal, Oil, and Solubles	Canned Salmon, Crab, and Shrimp Frozen Shrimp and Crab Washington Oysters Fish Meal, Oil, and Solubles

OTHER INFORMATION, ALL OFFICES: News Releases, NMFS and Council Notices, Import/Broker Lists, Export Opportunity, Selected Export Data, Situation and Outlook Reports, Selected Air and Rail Shipments, Foreign Fishing off U.S. Coasts, and International News (IFR).

WEEKLY SUMMARY EVERY FRIDAY

In addition to the usual daily and other data, the Weekly Summary part of the Friday reports contain these special weekly features:

Landings	New England Ports	Chesapeake and North Carolina Areas	Shrimp, Gulf Finfish, and Shellfish by Area; North Carolina Fish and Shellfish by District; Florida Spiny Lobster; Alaska Preliminary Westward Regional Shrimp Catch	California Tuna, Bonito, Mackerel, and Anchovy Fisheries Otter Trawl Landings	Alaska Groundfish Alaska Shellfish Otter Trawl-Seattle
Market Receipts	-- Boston Lobster	New York Fulton Market Selected Species	--	--	--
Canned Pack	--	--	Gulf Oyster and Shrimp	--	--
Imports	--	--	--	Shrimp from Mexico	Oregon and Washington
Exvessel Prices	Boston and New Bedford	--	Weighted Average for Shrimp by Area and Size	--	Alaska and Oregon
Wholesale Prices	Live Lobster Market	New York Fulton Market Selected Species	New Orleans Fresh Fish and Shrimp	--	--

BEST DOCUMENT AVAILABLE